Home Multimedia Center

User’s Manual

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1. Introduction

1.1 Preface

Dear Customer,

Thank you very much for purchasing our product. In the digital era, this product is a great home entertainment partner. With the outstanding design, you can enjoy movies and music, view photos of precious moments, and record your favorite TV or movie programs and view them in your own time. The editing function provides you with an easy way to save these. It's easy to use this product as a portable external storage device with its built-in HDD and high-speed USB 2.0.

This player has the following functionality:

Video Recording	-	supports one button recording and scheduled recording, can easily record programs from DVB-T / Analog TV, DVD player, DV, etc., and save as MPEG-2 (.mpg, or .ts) format; also can edit the recorded titles;
Time Shift		pause and enjoy chasing playback of live TV programs.
Movie Playback	-	supports VOB (DVD), IFO (DVD), MPG (MPEG-2/1), AVI (MPEG-4 ASP: XviD), DAT (VCD), and MPEG-2 TS files; resolution up to 1080i.
Music Playback	-	supports MP3, OGG, and WMA files;
	-	supports one button playlist music playback.
Photo Playback	-	supports digital camera JPEG, and BMP files.
Card Reader	-	supports memory cards: SD/MMC/MS/MS Pro.
Data Storage	-	works as a portable hard disk using USB 2.0 port.
USB HOST	-	supports two USB 2.0 host ports.
Network Function	-	Ethernet & WLAN streaming playback and NAS function (Wireless function supported by the optional Wireless LAN USB Adapter).
HDMI	-	High-Definition Multimedia Interface transmits the highest quality digital video and audio via a single cable, simplifies cabling and provides high quality home theater experience.
SCART	-	supports Euro SCART output.
Analog TV	-	supports analog PAL B/G, D/K, I, SECAM L and L' reception.
DVB-T TV	-	supports Digital Video Broadcasting Terrestrial (DVB-T) TV reception;
	-	supports Electronic Program Guide (EPG) and Teletext.

We hope that this product will bring you a lot of enjoyment. We are committed to apply multimedia technology in your work, entertainment, family, daily life, car and everywhere! Welcome to be with us. Thank you again for choosing our product.

Note: WMA Pro & Advanced Profile and WMA with DRM are not supported.

1.2 Packing List

Part	Quantity
Player	1
A/V cable	1
YUV cable	1
HDMI cable	1 (optional)
SCART in adapter	1
USB cable	1
Remote Control	1
Remote Control Battery	2
AC/DC adaptor	1
AC/DC adaptor Power Cord	1
Wireless LAN USB Adapter	1 (optional)
DVB-T Antenna	1 (optional)
2-Way RF Splitter	1
User Manual (printed)	1
Quick Start Guide	1
Driver CD	1

Note:
The actual contents in the package might be different from the packing list in this manual.

1.3 Caution

This player's design and manufacture has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

1.3.1 Usage cautions

User should not modify this player. If commercial hard disk is being used, the environmental temperature should be within +5℃ ~ +35℃.

1.3.2 Power

The player's power voltage: DC 12V.

When using this player, please connect the supplied AC adapter or AC adapter cable to the player's power jack. When placing the adapter cable, make sure it can not get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

1.3.3 Radio interference/compatibility

- If not properly shielded, almost all electronic devices will get radio interference. Under some conditions, your player might get interference.
- The design of this player has followed the FCC/CE standard, and has followed the following rules:

(1) This player may not cause harmful interference;

(2) This player could accept some interference received including interference that may cause undesired operation.

1.3.4 Repair

If the player has a problem, you should take it to an appointed repair center and let the specialists do the repair, never repair the player yourself, you might damage the player or endanger yourself or your data.

1.3.5 Disposing of the player

When you dispose of the player, be sure to dispose it appropriately. Some countries may regulate disposal of electrical device, please consult with your local authority.

1.3.6 Hard disk cautions

The player uses an internal hard disk for data storage, in normal case, format or repair is not required.

You should carefully read the < Frequently Asked Questions > chapter, and check our website for latest information before formatting the hard disk.

- Physical impact may create bad sector in the hard disk, you can use CHKDSK to fix the problem.
- All data stored in the player may be lost due to physical impact, electrical shock, power lost,

HDD format etc. Please backup your data.
- It is suggested to do defragment after a long period of usage.
- Regularly backup the data in the hard disk so that it can be recovered in the event of data corruption or loss. Our company takes no responsibility for loss of data stored on the hard disk.

1.3.7 Others

When using this player, please do not let the player come into contact with water or other liquid, if water is accidentally spilled on the player, please use a dry cloth to absorb the spillage.
Electronic products are vulnerable, when using please avoid shaking or hitting the player, and do not press the buttons too hard.

- ✧ Do not let the player come into contact with water or other liquid.
- ✧ Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.
- ✧ Do not press the buttons of the player too hard.
- ✧ Avoid hitting the player with hard object, avoid shaking the player, and stay away from magnetic fields.
- ✧ During electrostatic discharge and the strong electromagnetic field, the product will malfunction, then unplug the power cable and the product will return to normal performance next time it is powered on.

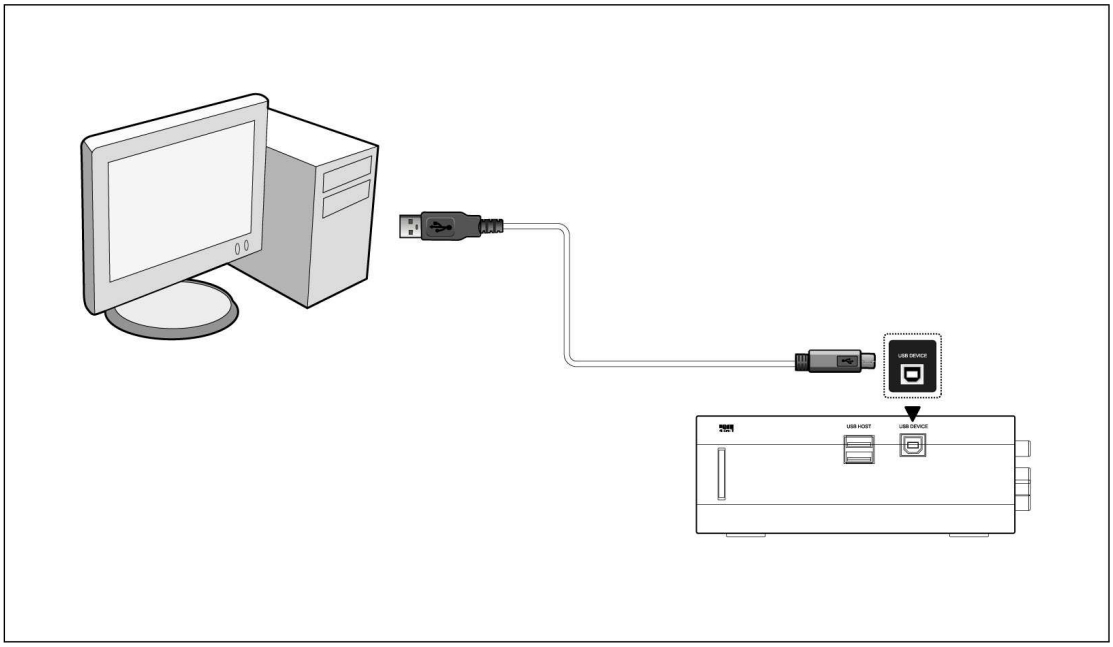
1.4 Connection

1.4.1 Connect to Computer

(1) Make sure the player is powered on;

(2) Plug in the squarish connector of the USB cable to this player's USB DEVICE port;

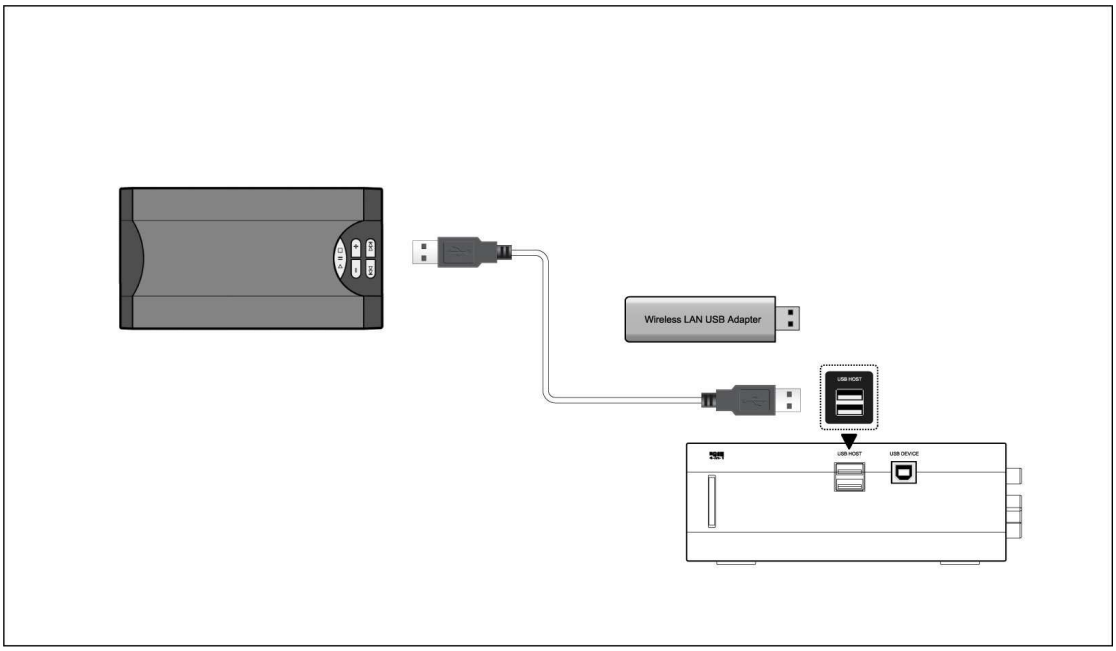
(3) Plug in the rectangular connector of the USB cable to computer.



1.4.2 USB Mass Storage Device (like USB stick, MP3, USB HDD etc.) Connection

(1) Make sure the player is powered on;

(2) Plug in the USB stick or USB HDD etc. to one of the USB host ports of this player.

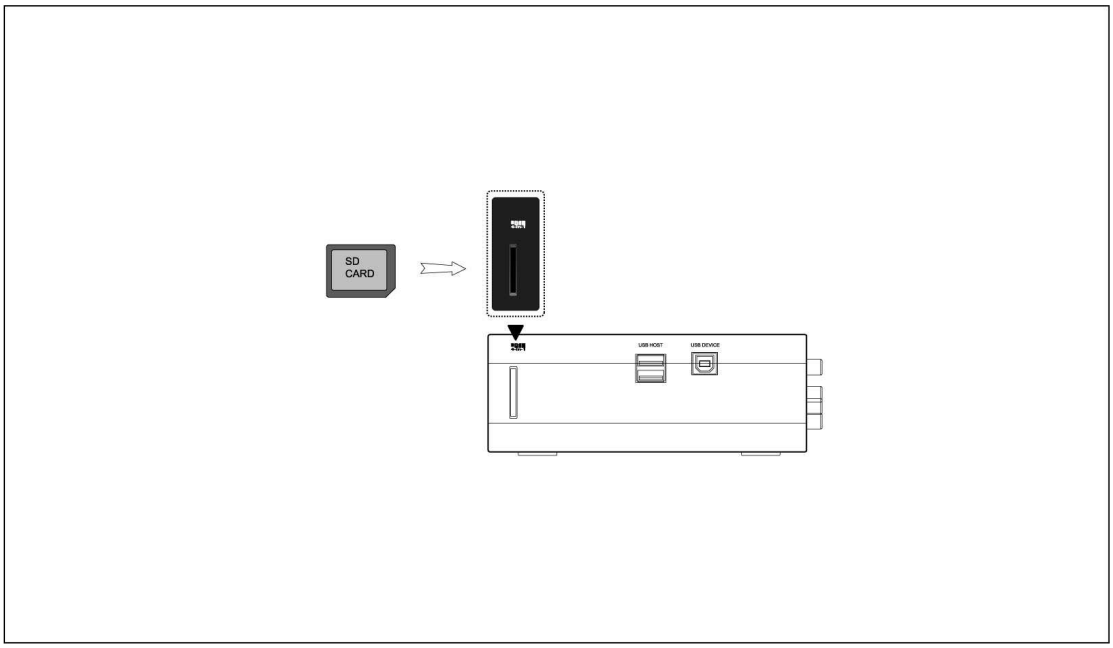


1.4.3 Memory card connection

Memory card can be used by inserting to the card slot

(1) Follow the picture to insert the memory card to the card slot properly;

(2) Insert the card by following the arrow pointer in the picture.



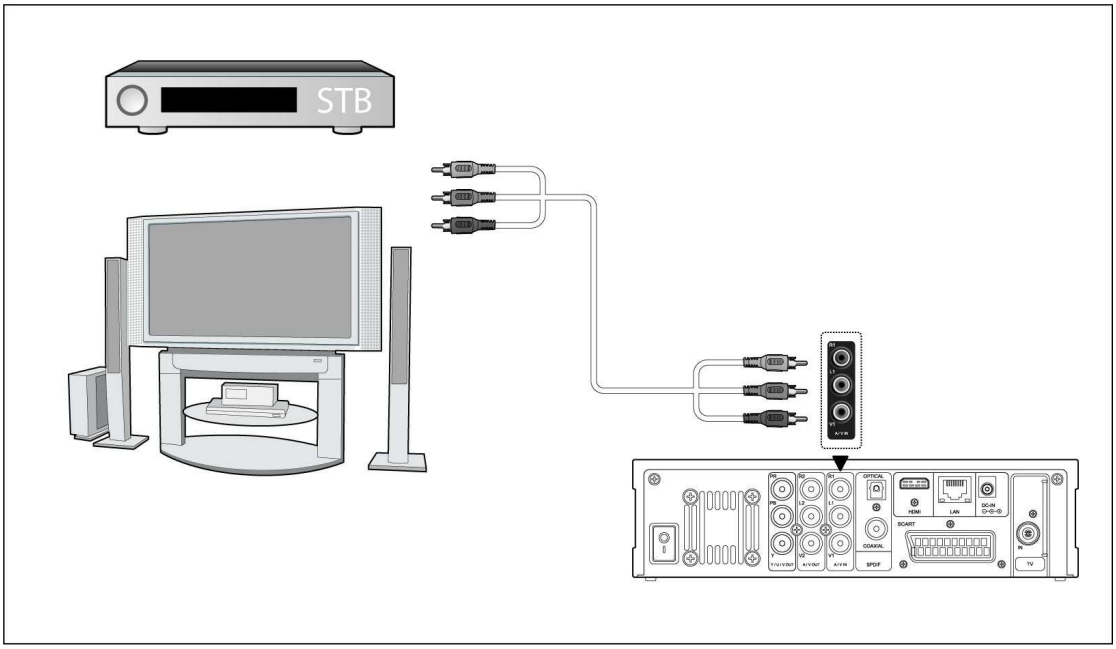
1.4.4 A/V connection

1.4.4.1 A/V IN

(1) Follow the picture and plug in the 3 color connector to the player's A/V IN jack;

(2) Follow the picture and plug in the 3 color connector to the A/V OUT jack of the TV/IPTV Set-Top Box (STB).

In this way, you can record TV programs from the TV/IPTV Set-Top Box.

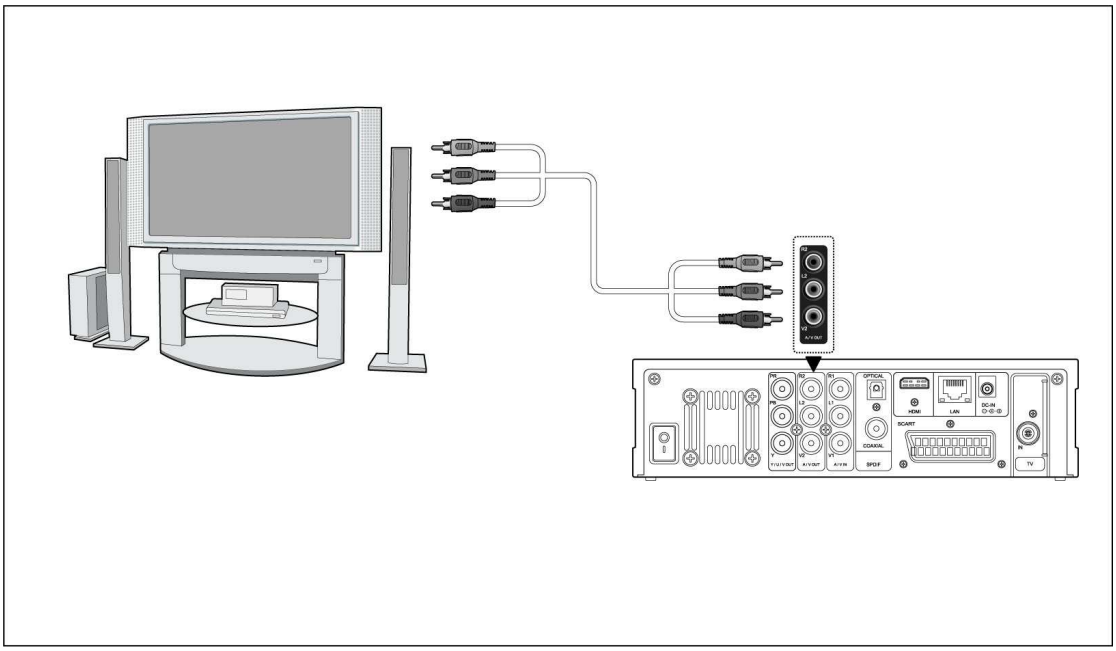


1.4.4.2 A/V OUT

(1) Follow the picture and plug in the 3 color connector to the player's A/V OUT jack;

(2) Follow the picture and plug in the 3 color connector to the TV's A/V IN jack.

In this way, you can enjoy the content in the player on TV or other display devices.



1.4.4.3 Y/Pb/Pr Component OUT

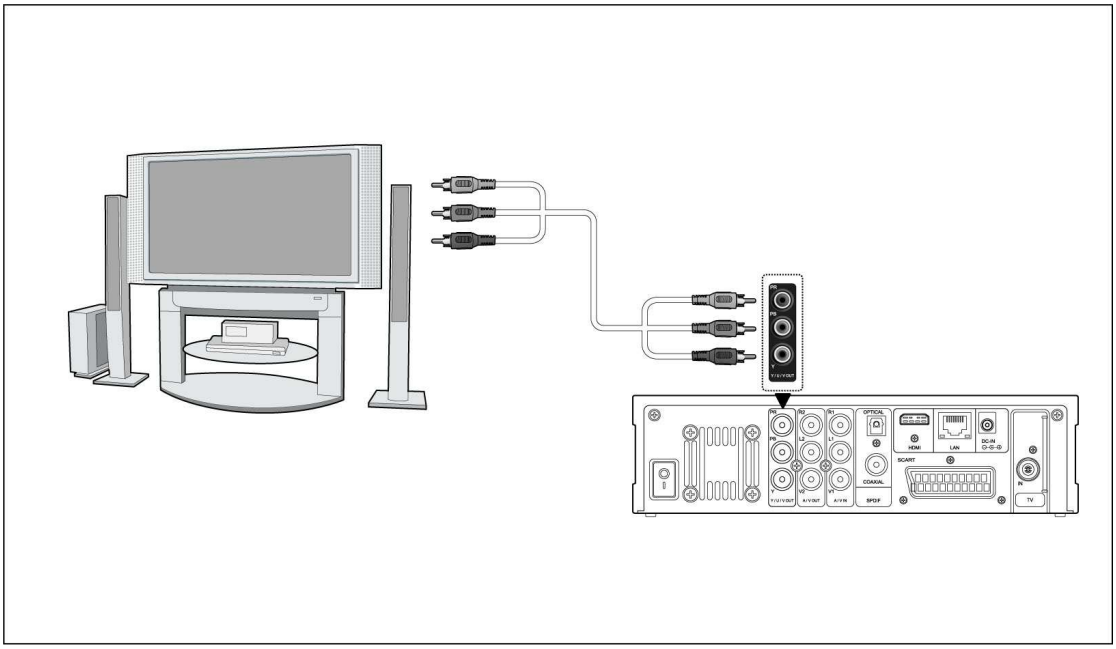
(1) Follow the picture and plug in the 3 color connector to the player's Y/Pb/Pr jack;

(2) Follow the picture and plug in the 3 color connector to the TV's Y/Pb/Pr jack.

Audio Connection while using Y/Pb/Pr Video out:

First method: use the audio output from the A/V OUT jack;

Second method: use the audio output from the S/PDIF Coaxial or Optical jack.

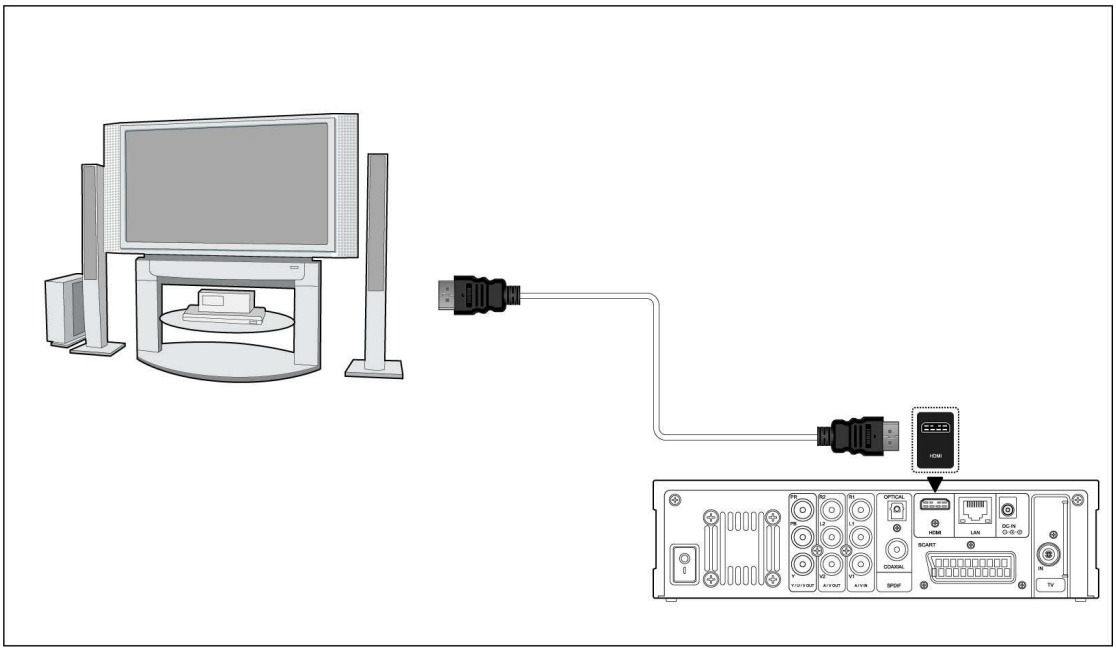


In this way, you can also enjoy videos, music, and photos in the player on TV.

1.4.4.4 HDMI OUT

(1) Follow the picture and plug one connector on your HDMI cable to the player's HDMI jack;

(2) Follow the picture and plug the other connector on your HDMI cable to the TV's HDMI jack.



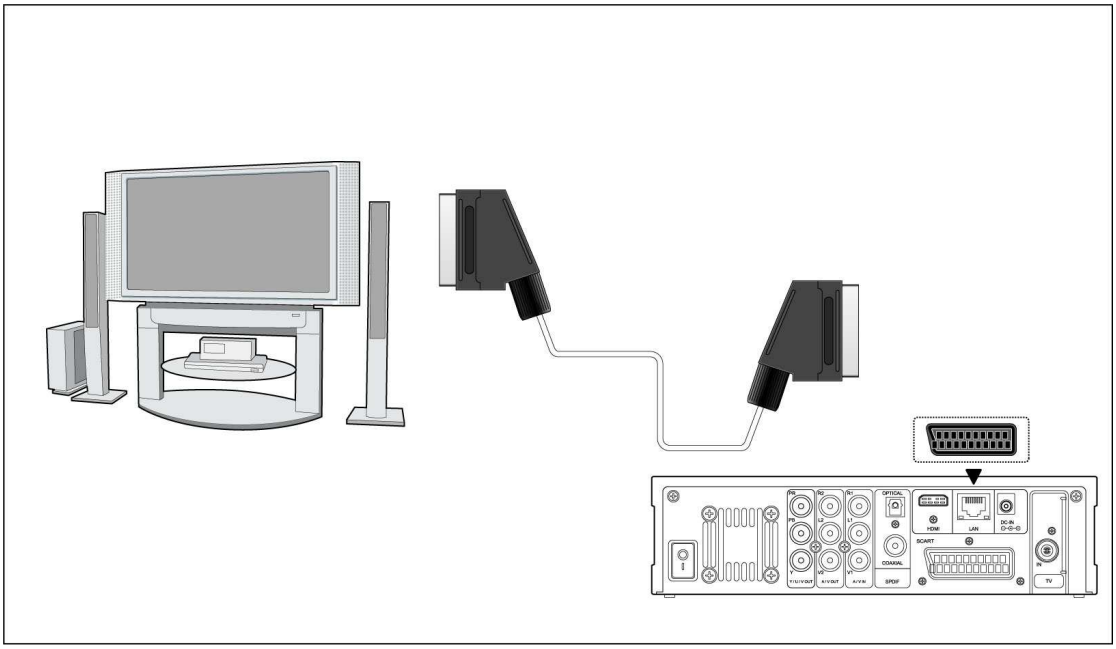
In this way, you can have the highest quality video and audio via a single cable.

1.4.4.5 SCART OUT

(1) Follow the picture and plug one connector on the SCART cable to the player's SCART socket;

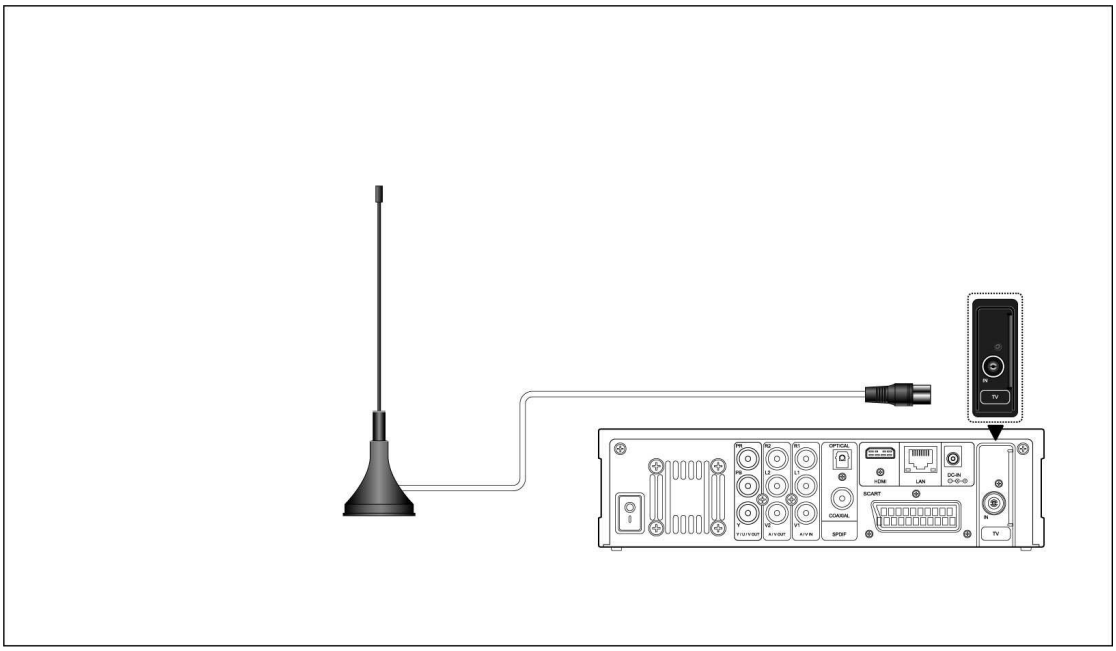
(2) Follow the picture and plug the other connector on the SCART cable to the TV's SCART socket.

In this way, you can enjoy the content in the player on TV or other display devices.



1.4.4.6 TV IN

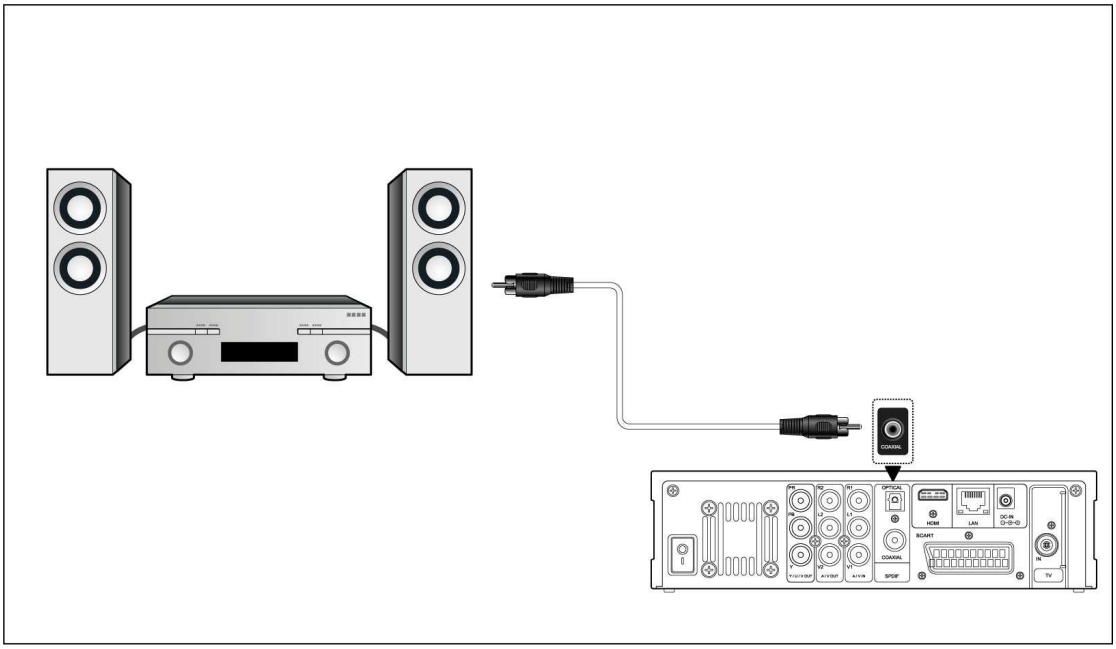
Follow the picture and plug a TV Antenna or analog TV cable to the TV IN socket;



1.4.5 Digital Audio Device connection

(1) Follow the picture and plug in the RCA connector on your coaxial cable to the player's S/PDIF Coaxial jack. Or if you use optical fiber, please plug in the Toslink connector on your optical fiber to the player's S/PDIF Optical jack; (not supplied)

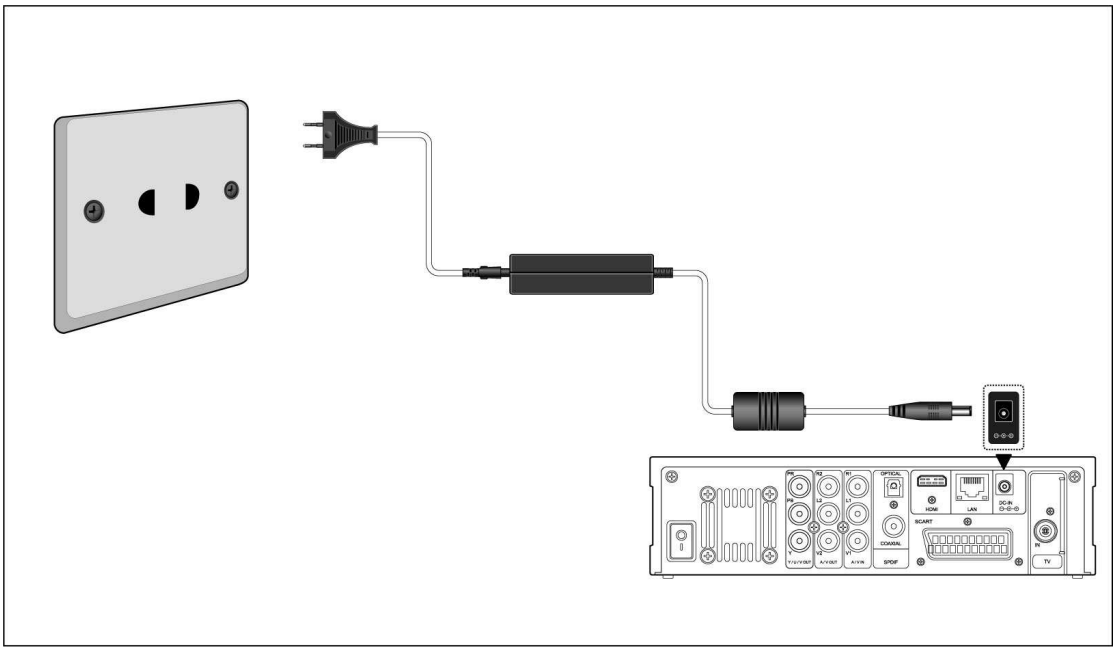
(2) Follow the picture and plug in the other connector on your coaxial cable or optical fiber to the digital audio device.(not supplied)



1.4.6 Power connection

(1) Follow the picture and connect the AC adaptor to the player's DC IN jack;

(2) Follow the picture and plug in the AC adaptor to the power outlet.

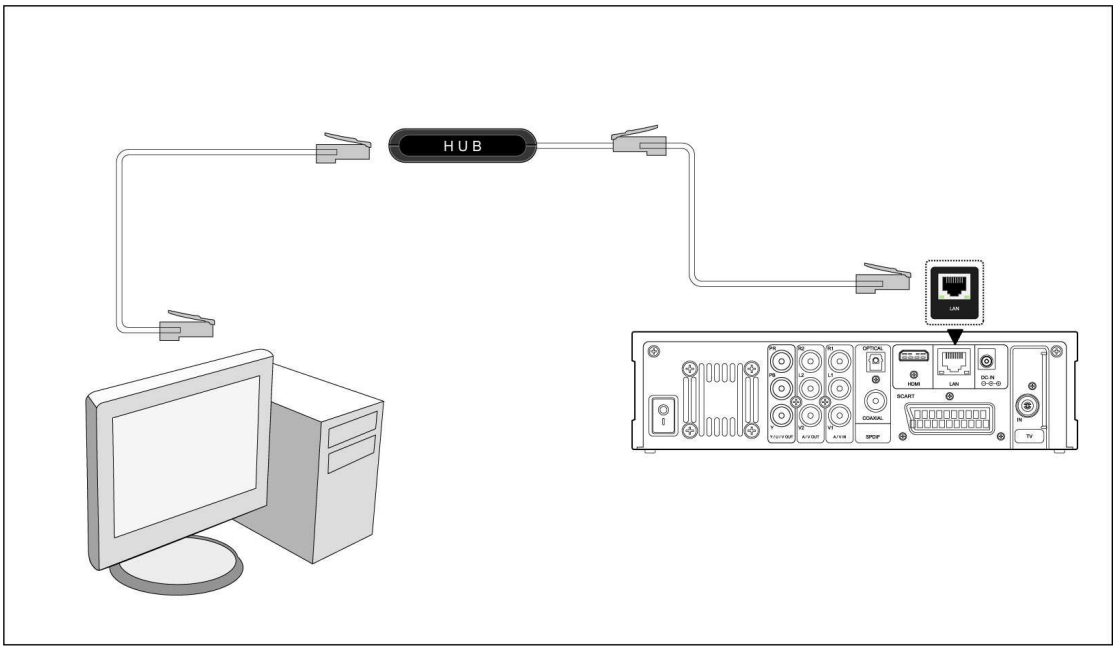


1.4.7 Ethernet connection

To connect to a LAN (Local Area Network) you require a cat5, cat5e or cat6 network cable.

(1) Connect one of the crystal plugs on the cable to the player's RJ45 LAN socket;

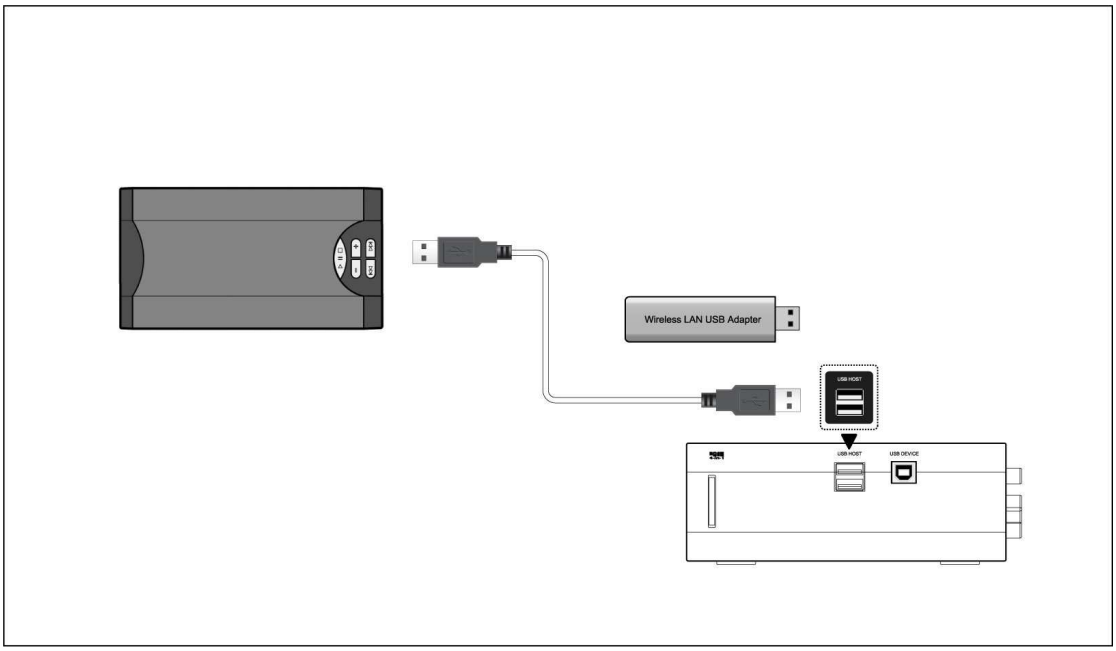
(2) Connect the other crystal plug on the cable to a RJ45 LAN port on your router, switch, or hub devices.



1.4.8 WLAN connection

(1) Make sure the player is powered on;

(2) Plug the Wireless LAN USB Adapter (i.e. Wi-Fi USB Dongle) to the USB HOST port of the player.



1.5 First Time Usage

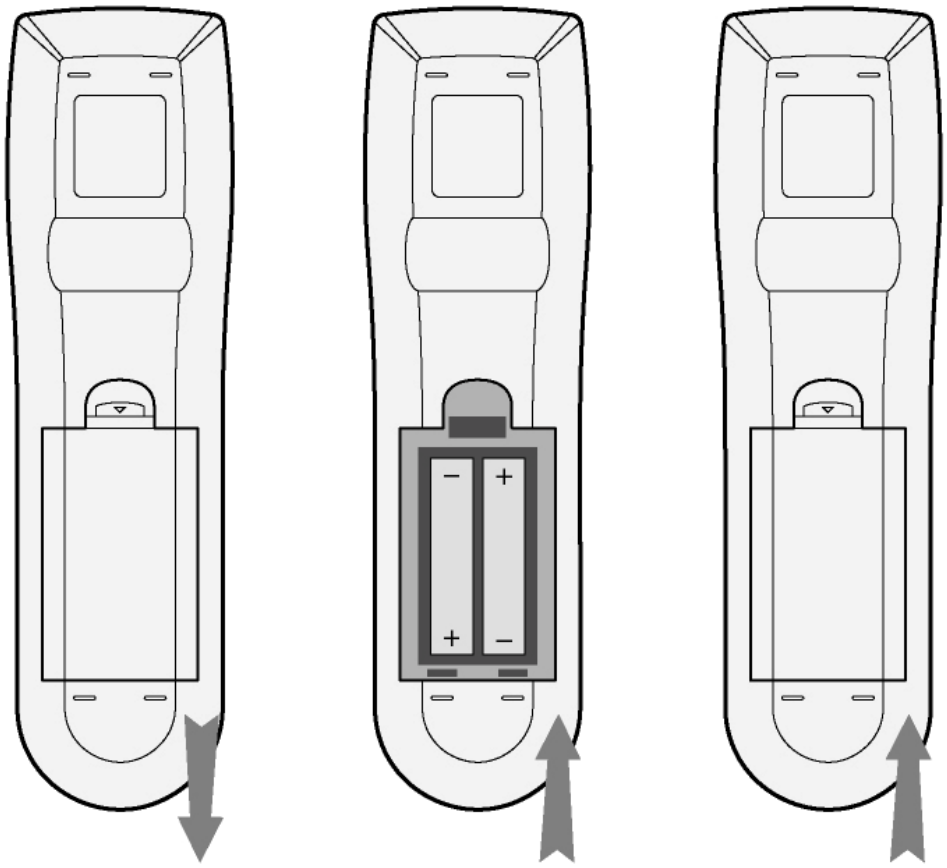
1.5.1 Firmware Installation

For users who bought the player without a HDD inside, and want to install a SATA HDD, please see ***'HDD Format'*** in ***'7.7 Changing System Settings'*** for details.

1.5.2 Remote Control

First time usage of Remote control

Install the batteries before using the remote control, installation steps are as the picture shows:



1.5.3 Power on/off, language control

1. Power on

After connecting the power supply cord and turning on the POWER switch, the player will soon enter the main interface, and the POWER indicator on the front panel will turn blue.

2. Power off

When the system is running, press the **POWER** / **STANDBY** button on the front panel or remote control, the player will enter standby mode.

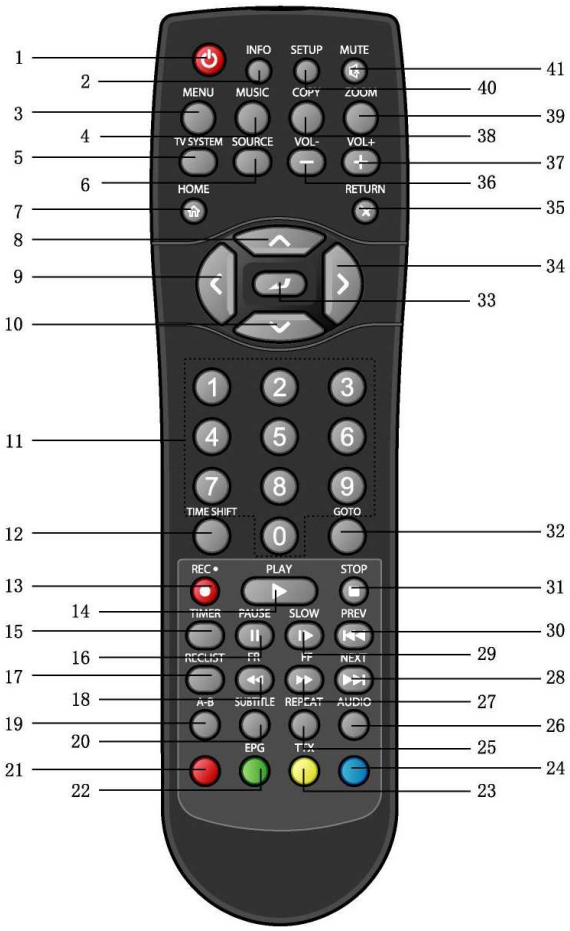
3. Language control

The system language of this player can be set to English or other languages. In the setup interface is language setup, the selected language will take effect immediately.

2. About the Player

2.1 Remote Control

All procedures in this manual can be carried out using the remote control buttons. See the following for details on each button and its function:



1. **POWER/STANDBY**
2. **INFO**
3. **MENU**
4. **MUSIC**
5. **TV SYSTEM**
6. **SOURCE**
7. **HOME**
8. **UP**
9. **LEFT**
10. **DOWN**
11. **Numeric** buttons
12. **TIME SHIFT**
13. **REC**
14. **PLAY**
15. **TIMER**
16. **PAUSE**
17. **RECLIST**
18. **FR**
19. **A-B**
20. **SUBTITLE**
21. **RED**
22. **EPG <GREEN>**
23. **TTX <YELLOW>**
24. **BLUE**
25. **REPEAT**
26. **AUDIO**
27. **FF**
28. **NEXT**
29. **SLOW**
30. **PREV**
31. **STOP**
32. **GOTO**
33. **ENTER**
34. **RIGHT**
35. **RETURN**
36. **VOL -**
37. **VOL +**
38. **COPY**
39. **ZOOM**
40. **SETUP**
41. **MUTE**

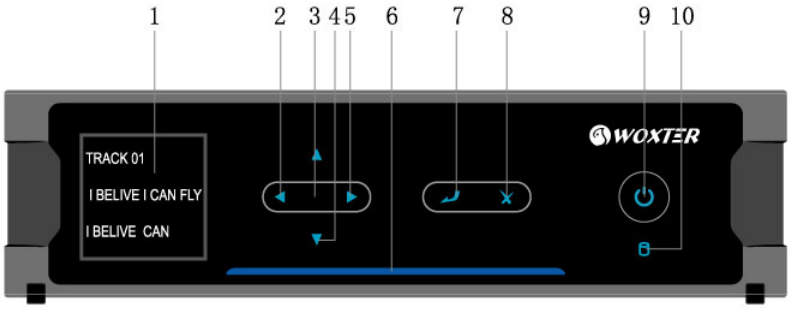
No.	Name	Function
1	**POWER/STANDBY**	**POWER** / **STANDBY** button: Press to enter standby mode or wake up.
2	**INFO**	**INFO** button: Press to display current status. ● Press during playback and an onscreen display appears, showing track number and time elapsed/remaining. ● Press during recording and an onscreen display appears, showing the recording quality setting and time elapsed. ● Press during live TV and an onscreen display appears, showing the current channel number and time. ● Press during time shifting to turn the time shifting bar on/off.
3	**MENU**	**MENU** button: Press to activate tools menus: ● Press in the browser menu to rename and delete files. ● Press in My_Shortcuts in NET of the browser menu to add shortcuts for network access.
4	**MUSIC**	**MUSIC** button: Press to start playing music in the playlist.
5	**TV SYSTEM**	**TV SYSTEM** button: Press to switch between NTSC, PAL, 480P, 576P, 720P, and 1080I.
6	**SOURCE**	**SOURCE** button: Reserved button. No function has been assigned to it yet.
7	**HOME**	**HOME** button: Press to enter the main interface.
8	**UP**	**UP** button: ● Press to move the highlight up while navigating menus.

		● Press to switch to the previous channel while watching DVB-T / Analog TV.
9	**LEFT**	**LEFT** button: Press to move the highlight left while navigating menus.
10	**DOWN**	**DOWN** button: ● Press to move the highlight down while navigating menus. ● Press to switch to the next channel while watching DVB-T / Analog TV.
11	**Numeric** buttons	**Numeric** buttons: Press to enter channel numbers or numeric input when changing settings.
12	**TIME SHIFT**	**TIME SHIFT** button: While in the DVB-T / Analog TV or A/V IN mode, press to activate the time shift function, which allows you to pause live TV and resume the program from the point you left it. While paused, the program is recorded to the internal HDD as long as the space is available. Press to activate the time shift function and wait for the play arrow to appear on the screen. Press the **PAUSE** button and the program will be paused. Press the **PLAY** button to resume viewing the program. Time shift mode remains active until you press the **STOP** button or the **TIME SHIFT** button again.
13	**REC**	**REC** button: Press to begin recording or to resume when recording has been paused. Press repeatedly to set one touch recording (OTR) length (30 MIN. / 60 MIN. / 90 MIN. / 120 MIN. / 180 MIN. / 240 MIN. / Off).
14	**PLAY**	**PLAY** button: Press to begin playback.
15	**TIMER**	**TIMER** button: Press to enter the timer menu directly to add, edit and delete recording schedules.
16	**PAUSE**	**PAUSE** / **STEP** button:

		Press to pause the current playback. Press again to step to the next frame. Press the **PLAY** button to resume the playback.
17	**RECLIST**	**RECLIST** button: Press to enter the playback menu and show the recording list.
18	**FR**	**FAST REWIND** button: Press to fast rewind the current playback. Press repeatedly to select speeds.
19	**A-B**	**A-B** button: Press to set the beginning and end points of a section to repeat.
20	**SUBTITLE**	**SUBTITLE** button: Press to set subtitle options.
21	**RED**	**RED** button: Press to select file while managing the playlist.
22	**EPG <GREEN>**	**EPG <GREEN>** button: ● Press to enter the Electronic Program Guide which displays an on-screen list of programs for the coming week when watching Digital Terrestrial TV. ● Press to add the selected files to the playlist.
23	**TTX <YELLOW>**	**TTX <YELLOW>** button: Press to open Teletext OSD if it is available in the broadcasted stream of Digital Terrestrial TV.
24	**BLUE**	**BLUE** button: Reserved button. No function has been assigned to it yet.
25	**REPEAT**	**REPEAT 1/ALL** button: Press to set repeat option.
26	**AUDIO**	**AUDIO** button: Press to select an audio track.
27	**FF**	**FAST FORWARD** button: Press to fast forward the current playback. Press repeatedly to select speeds.
28	**NEXT**	**NEXT** button: Press to view the next chapter / file / TV channel.
29	**SLOW**	**SLOW MOTION** button:

		Press to play back in slow motion. Press the **PLAY** button to resume regular playback.
30	**PREV**	**PREVIOUS** button: Press to view the previous chapter / file / TV channel.
31	**STOP**	**STOP** button: Press to stop playback.
32	**GOTO**	**GOTO** button: ● Press to jump to a specific point on a title. Specify the point using Title, Chapter and Time. ● Press to recall, i.e. switch between the last two viewed channels while watching DVB-T TV.
33	**ENTER**	**ENTER** button: Press to select options in menus.
34	**RIGHT**	**RIGHT** button: Press to move the highlight right while navigating menus.
35	**RETURN**	**RETURN** button: Press to return to the previous screen while navigating menus.
36	**VOL -**	**VOL -** button: Press to decrease the volume.
37	**VOL +**	**VOL +** button: Press to increase the volume.
38	**COPY**	**COPY** button: Press to enter the file copy menu.
39	**ZOOM**	**ZOOM** button: Press to zoom in/out the image (photo or video).
40	**SETUP**	**SETUP** button: Press to enter the setup menu.
41	**MUTE**	**MUTE** button: Press to mute audio output, and press again to resume.

2.2 Front Panel



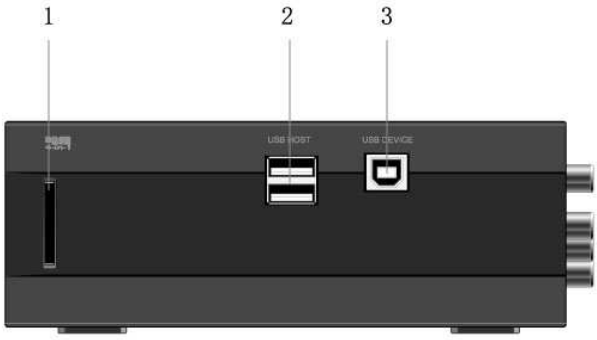
No.	Name	Function
1	LCD screen	Menu & icon information will be displayed on the screen.
2	LEFT button	Press to move the highlight left.
3	UP button	Press to move the highlight up.
4	DOWN button	Press to move the highlight down.
5	RIGHT button	Press to move the highlight right.
6	REC indicator	Indicator (blue) turns on when the system is alive; Indicator (red) turns on when recording starts.
7	ENTER button	Press to select options in menus.
8	RETURN button	Press to return to the previous screen.
9	POWER / STANDBY button	Press to enter standby mode or wake up.
10	HDD indicator	Indicator (blue) flashes when the HDD is working.

The small LCD screen only display the main UI and some limited information. There will be differences between small LCD screen and TV display.

2.3 Rear Panel

1. POWER switch
2. Air Flow hole
3. Y/Pb/Pr OUT jack
4. L2: Audio OUT jack (Left Channel)
5. R2: Audio OUT jack (Right Channel)
6. V2: Video OUT jack
7. L1: Audio IN jack (Left Channel)
8. R1: Audio IN jack (Right Channel)
9. V1: Video IN jack
10. S/PDIF OPTICAL jack
11. S/PDIF COAXIAL jack
12. HDMI jack
13. RJ45 LAN socket
14. SCART socket
15. DC-IN jack
16. TV / RF IN socket

2.4 Side Panel



1. 4-in-1 Card slot
2. USB HOST port (A-Type) x2
3. USB DEVICE port (B-Type)

3. Getting Started

Power on the system, and after a few seconds, the system will enter the main interface. To return to this menu, you can also press the **HOME** button on the remote control.

3.1 Selecting DVB-T TV

In this menu, you can watch and record Digital Terrestrial TV programs, or have the time shift function.

Select the **DVB-T** icon on the main interface to enter this menu.

3.2 Selecting Analog TV

In this menu, you can watch and record Analog TV programs, or have the time shift function.

Select the **Analog TV** icon on the main interface to enter this menu.

3.3 Selecting A/V In – Signal from the A/V IN jack

In this menu, you can watch and record audio-visual signal from the A/V IN jack on the rear panel of the unit, or have the time shift function.

Select the **A/V In** icon on the main interface to enter this menu.

3.4 Selecting Playback – Playback and Edit Recorded Titles

A clip recorded on HDD or USB device is called a title.

In this menu, you can playback the recorded video or TV programs; you can also merge, split, delete, or edit all the recorded titles.

Select the **Playback** icon on the main interface to access the title list menu.

3.5 Selecting Browser – Playback Multimedia Files

You can browse all the multimedia (Videos/Music/Photos) files on the internal HDD, USB or Network, and playback them on TV.

Press the **browser** button on the remote control or select the **Browser** icon on the main interface to browse movie, photo, and music files stored either on a HDD, USB device, or Network.

3.6 Selecting Setup

To enter the setup menu, press the **SETUP** button on the remote control or select the **Setup** icon on the main interface.

4. Watching DVB-T & Analog TV programs

Equipped with an internal Hybrid TV Tuner, this player integrates Digital Terrestrial and Analog TV receiving. Please refer to '***7.1 Changing DVB-T TV settings***' and '***7.2 Changing Analog TV settings***' in order to make correct settings before reading the following chapters.

4.1 Watching DVB-T TV programs

To enter the DVB-T TV mode, select the **DVB-T** icon on the main interface.

The following are some functional buttons on the remote control available during watching Digital TV programs.

Name	Function
ENTER	Press to view the program list menu.
UP / DOWN	Press to switch channels. (Channels cannot be switched in the recording mode.)
PREV / NEXT	
Numeric buttons	Press to input channel numbers. Press the **ENTER** button to confirm.
GOTO	Press to switch between the last two viewed channels.
REC	Press to start recording the current TV program.
TIME SHIFT	Press to activate the time shift function.
TIMER	Press to edit scheduled recordings.
EPG	Press to activate the EPG menu if available.
TTX	Press to activate the Teletext menu if available.
SUBTITLE	Press to activate the subtitle list menu if available.
ZOOM	Press to zoom out the image.

4.1.1 Program List Menu

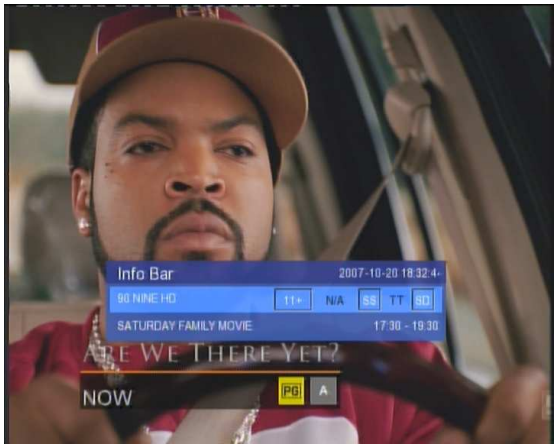
Press the **ENTER** button when watching DVB-T TV programs, and the program list menu where you can see the program number and name will be displayed.

Press the **LEFT / RIGHT** button to select from TV and Radio. Press the **PREV** / **NEXT** button to page up /down. Press the **UP / DOWN** button to select channels, and press the **ENTER**

button to confirm.

4.1.2 Info Bar

While switching channels by the **UP / DOWN** button, an info bar will be displayed to show the channel information.



There're 4 strings displayed on the bar. Taking the info bar in the above photo for example:

11+ – Stands for TV rating;

N/A – Stands for the voice language;

SS – Stands for subtitle;

TT – Stands for Teletext;

SD – Stands for resolution (SD - Standard Definition, HD - High Definition);

When the string looks concave, the option will be available.

4.1.3 Electronic Programming Guide

Press the **EPG** button when watching DVB-T TV programs, the Electronic Programming Guide will be displayed.

Press the **PREV** / **NEXT** button to change channels. Press the **LEFT / RIGHT** button to change date. Press the **UP / DOWN** button to change program. Press the **TIMER** button to add / delete scheduled recording.

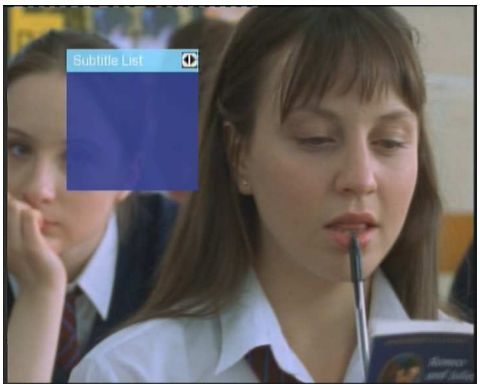
4.1.4 Teletext Menu

If the broadcasted stream supports Teletext, press the **TTX** button to enter the Teletext menu.

Press the **Navigational** buttons to view the content in the Teletext menu.

4.1.5 Subtitle List Menu

Press the **SUBTITLE** button when watching DVB-T TV programs, the Subtitle List menu will be displayed. Press the **LEFT / RIGHT** button to switch between Subtitle and TTX Subtitle List



Press the **UP / DOWN** button to select the subtitle, and press the **ENTER** button to confirm.

4.2 Watching Analog TV programs

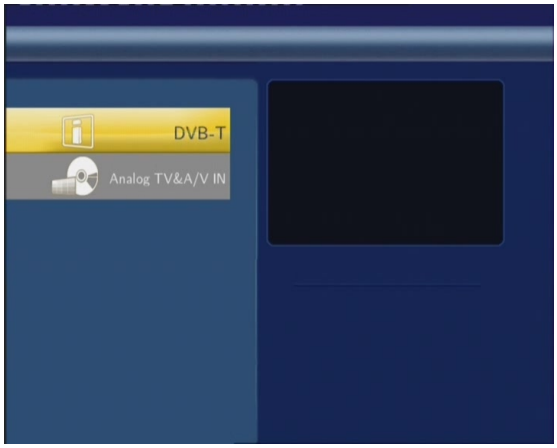
To enter the Analog TV mode, select the **Analog TV** icon on the main interface.

The following are some functional buttons on the remote control available during watching Analog TV programs.

Name	Function
UP / DOWN	Press to switch channels. (Channels cannot be switched in the recording mode.)
PREV / NEXT	
Numeric buttons	Press to input channel numbers. Press the **ENTER** button to confirm.
REC	Press to start recording the current TV program.
TIME SHIFT	Press to activate the time shift function.
TIMER	Press to edit scheduled recordings.
ZOOM	Press to zoom out the image.

5. The Title List Menu for Recorded Videos

The **Title List** menu allows you to play and edit all saved titles. To enter the menu, select the **Playback** icon on the main interface.



Press the **UP / DOWN** button on the remote control to select from **DVB-T** and **Analog TV & A/V IN** to view and edit recorded DVB-T or Analog TV programs.

5.1 Title List Menu

Number	Function	Description
1	Menu Bar	Press the **LEFT** / **RIGHT** button to scroll through the menu. Here you can Play / Delete / Rename / Sort / Edit a recorded title.
2	Title Lists	Here lists all recorded titles. Here you can see thumbnail / length / quality / recorded channel / recorded date & time of a title. A sign shows this recorded title has not been watched. A sign shows this title is being recorded now.

3	Information	Here you can see a playback progress bar of a title, the remained free space of HDD, and remained recording time of each quality.
4	Preview	Shows the preview window.

5.2 Playing Back Titles

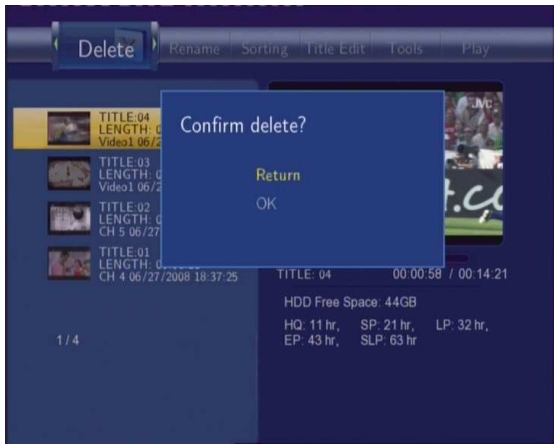
To play a recorded title, do the following:

1. Press the **LEFT** / **RIGHT** button on the remote control to select the **Play** tab from the menu bar.
2. Press the **UP / DOWN** button on the remote control to select the title you wish to play.
3. Press the **ENTER** button on the remote control to play the file.
4. Press the **STOP** or the **RETURN** button on the remote control to stop playback and return to the Title List menu screen.

5.3 Deleting Titles

To delete a title, do the following:

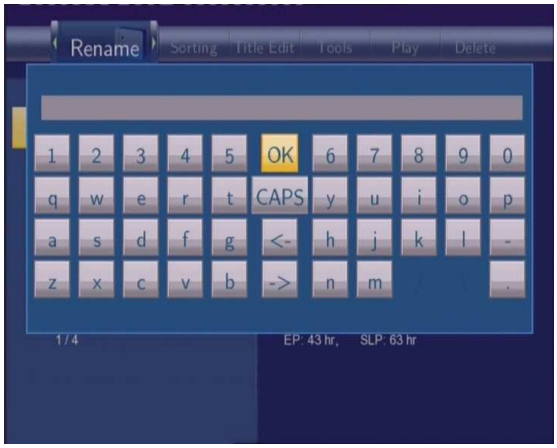
1. Press the **LEFT** / **RIGHT** button on the remote control to select the **Delete** tab from the menu bar.
2. Press the **UP / DOWN** button on the remote control to select the title you wish to delete.
3. Press the **ENTER** button to confirm and delete the file.
4. A confirmation message appears. Press the **UP / DOWN** button and select **OK**.
5. Press the **ENTER** button to delete the selected file. To cancel delete, select **Return**.



5.4 Renaming Titles

To rename a title, do the following:

1. Press the **LEFT** / **RIGHT** button on the remote control to select the **Rename** tab from the menu bar.
2. Press the **UP / DOWN** button on the remote control to select the file you wish to rename.
3. Press the **ENTER** button on the remote control. The name entry screen appears.



4. Press the navigation buttons to select letters and numbers. Select **CAPS** to toggle between uppercase and lowercase letters. Press <- to delete a letter. Press -> to insert a space. Press the **ENTER** button to input each letter or number.

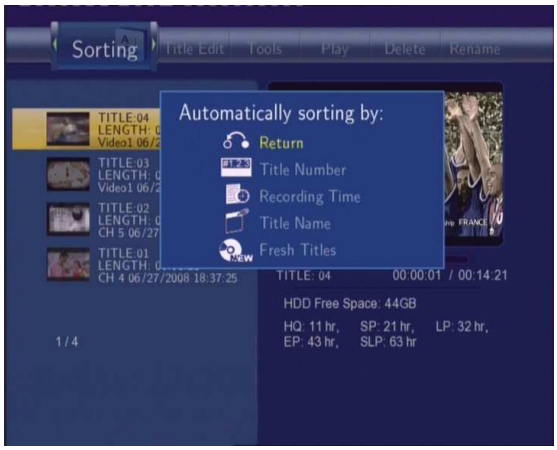
5. Once you have entered the new name, select **OK** and press the **ENTER** button to confirm all changes.

If you want to cancel the renaming during the process, press the **RETURN** button.

5.5 Sorting Files

Press the **LEFT / RIGHT** button on the remote control to select the **Sorting** tab from the menu bar.

Press the **ENTER** button, and the menu appears.

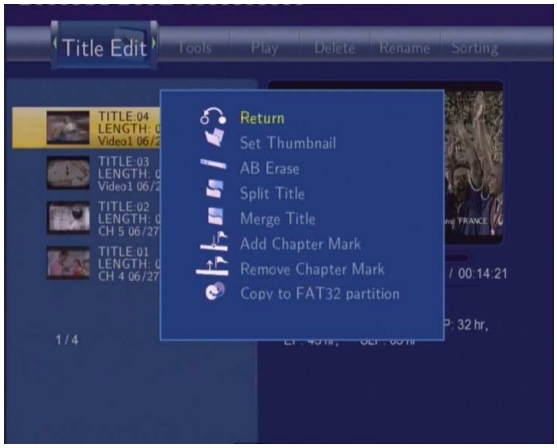


	Return	Select to return to the main screen.
	Title Number	Select to sort all files according to title numbers.
	Recording Time	Select to sort all files according to the length of the recordings
	Title Name	Select to sort all files alphabetically, according to title name.

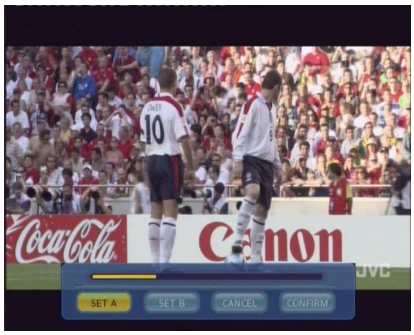
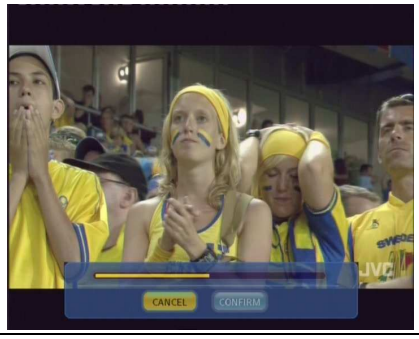
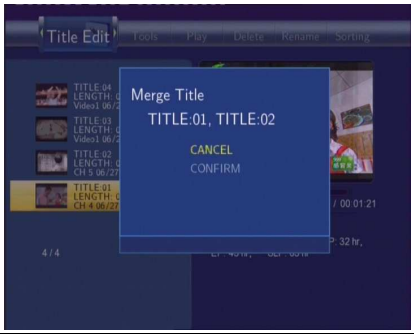
	Fresh Titles	Select to sort all files according to freshness (i.e. the most recent recordings), listing the most recent recording first.

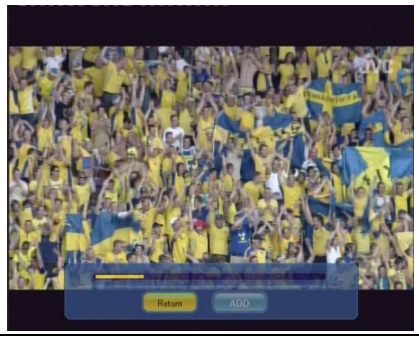
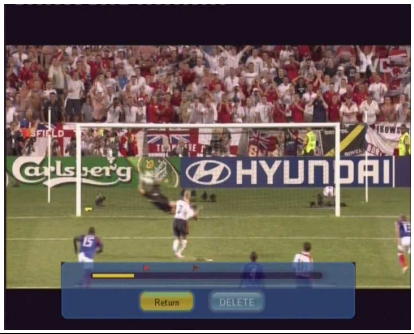
5.6 Title Edit Menu

Press the **LEFT / RIGHT** button on the remote control to select the **Title Edit** tab from the menu bar. Press the **ENTER** button, and the menu appears.



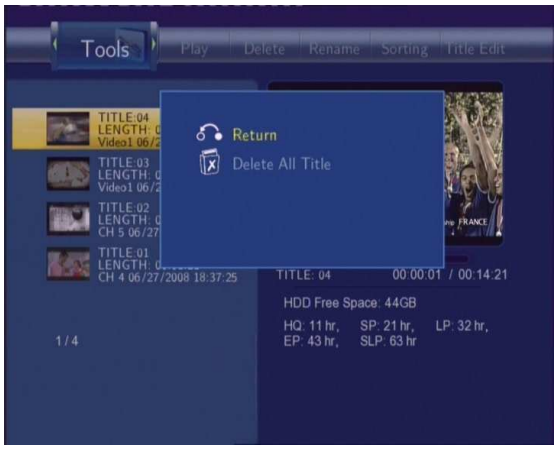
	Return	Select to return to the main screen.
	Set Thumbnail	Select to change a thumbnail of the selected video. Press the **UP / DOWN** button on the remote control to select **Set Thumbnail**, an editing screen appears. You can press the **FF** / **FR** button to fast forward or fast rewind when searching a proper point. When you reach the point at which you wish to insert a thumbnail, press the **LEFT / RIGHT** button to select **CONFIRM** and press the **enter** button.
	AB Erase	Delete a specified clip in a title.

		 Select **SET A** and press the **ENTER** button to mark the start for the section to be deleted. Select **SET B** and press the **ENTER** button to mark the end of the section to be deleted. Select **CONFIRM** and press the **ENTER** button to delete the section.
	Split Title	Select a title and divide it into sections. When you reach the point at which you wish to split the track, press the **ENTER** button to confirm. 
	Merge Title	Select more than two titles and combine them into one title. A confirmation message appears. Select **CONFIRM** to merge the files. 
	Add Chapter Mark	Add a chapter mark to the selected file. A chapter mark is a marker inserted into the title. You can jump between marked sections by pressing the **PREV** / **NEXT** button on the remote control. An editing screen appears. When you reach the point at which you wish to add the mark, press the **ENTER** button to confirm.

		
	Remove Chapter Mark	Remove a chapter mark that you have inserted. An editing screen appears. Use the **PREV** / **NEXT** button to select the mark you wish to remove and press the **ENTER** button to delete. 
	Copy to FAT32 partition	Copy function. In the Title List Menu, press the **UP / DOWN** button on the remote control to select which title you want to copy from the UDF partition to the FAT32 partition.

5.7 Tools

Press the **LEFT / RIGHT** button on the remote control to select the **Title Edit** tab from the menu bar. Press the **ENTER** button and the menu appears.



	Return	Select to return to the main screen.

	Delete All Title	Select to delete all titles.

5.8 Saving Your Recorded Titles

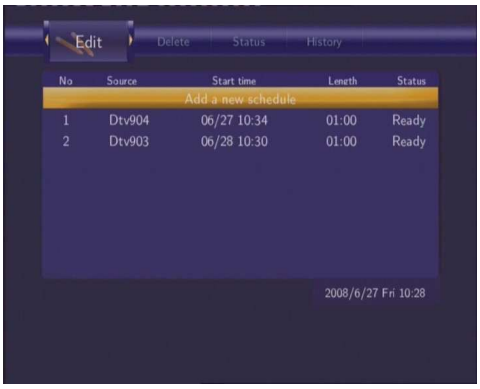
All the recorded titles are stored temporarily in a recording disc partition (UDF format) which cannot be identified by personal computers. If you want to share the recorded titles on your computer, please copy the titles from the recording disc to the multimedia disc which is in FAT32 format first. See ***Copy to FAT32 partition*** in '***5.6 Title Edit Menu***' for more details.

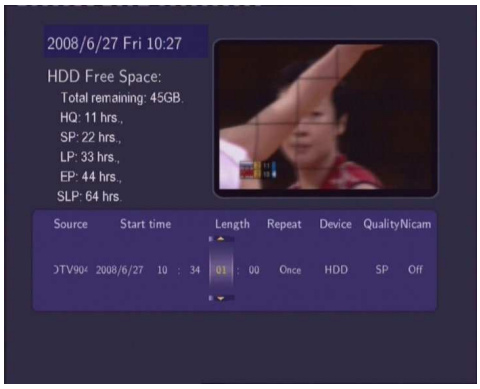
6. Timer Record Menu

The **Timer Record** menu allows you to create, edit and delete recording schedules and view all schedule status and history. Press the **TIMER** button on the remote control to enter the menu.

6.1 Create a New Schedule

Press the **LEFT / RIGHT** button on the remote control to select the **Edit** tab from the menu bar. Select **Add a New Schedule** and press the **ENTER** button. The schedule setting screen appears.



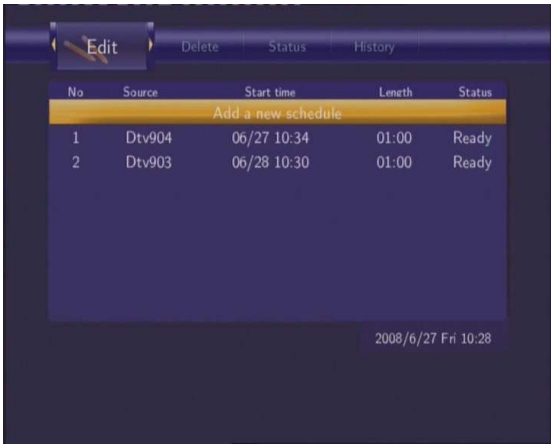


Use the **LEFT / RIGHT** button on the remote control to move between fields and press the **UP / DOWN** button to adjust each setting.

Source	Select the video source or TV channels for the recording.
Start Time	Enter the date and time of the recording.
Length	Enter the length of the recording
Repeat	Select how often you want the schedule to record. Choose from Once, Everyday, Mon-Fri, Mon-Sat or for an individual day of the week.
Quality	Select the recording quality. Choose from HQ, SLP, EP, LP and SP. The higher the quality, the more space required on the hard drive. See **HDD Free Space** on the left of the screen for details of how long you can record for using each setting.
Preview	This small preview window will show the current program of the selected channel.

6.2 Editing Schedule

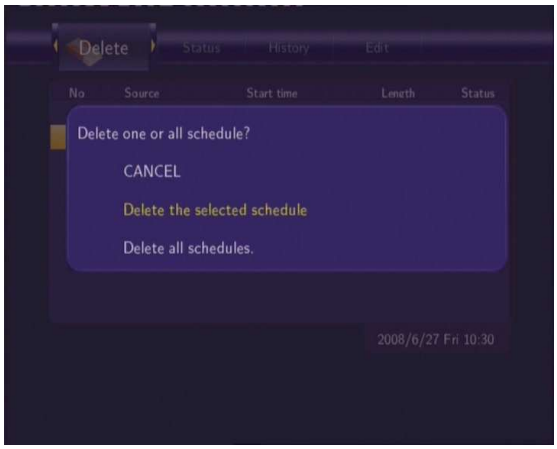
Press the **LEFT / RIGHT** button on the remote control to select the **Edit** tab from the menu bar.



Select the schedule you want to edit from the list and press the **ENTER** button. The schedule setting screen appears. Modify the schedule as described in '***6.1 Creating a New Schedule***'.

6.3 Deleting Schedules

Press the **LEFT / RIGHT** button on the remote control to select the **Delete** tab from the menu bar.
Select the schedule you want to delete and press the **ENTER** button. A confirmation message appears.

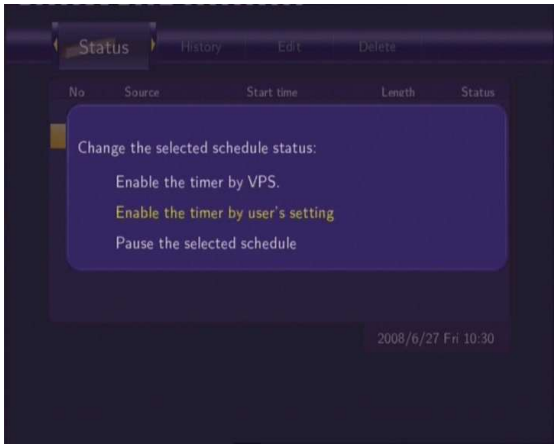


Select **CANCEL**, **Delete the selected schedule**, or **Delete all schedules**. Press the **ENTER** button to confirm.

6.4 Viewing Schedule Status

Press the **LEFT / RIGHT** button on the remote control to select the **Status** tab from the menu bar.

The schedule list is displayed. Select a schedule and press the **ENTER** button.

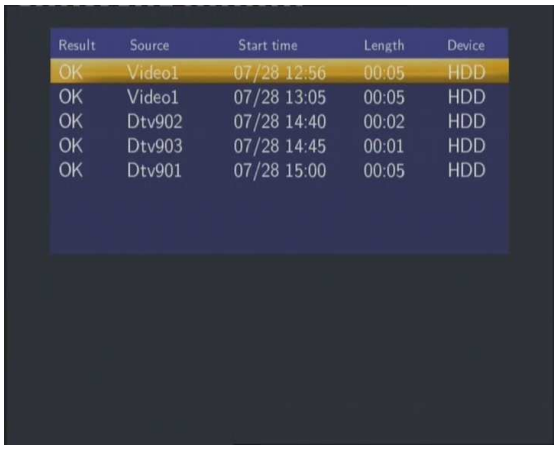


Select **Enable the timer by VPS**, **Enable the timer by user's setting** or **Pause the selected schedule**. Press the **ENTER** button to confirm.

6.5 Viewing Recording History

Press the **LEFT / RIGHT** button on the remote control to select the **History** tab from the menu bar.

Here you can view a complete history of all recordings that were set.

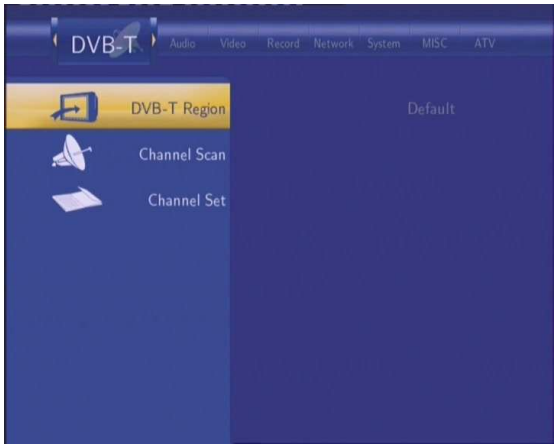

Result Source Start time Length Device
OK Video1 07/28 12:56 00:05 HDD
OK Video1 07/28 13:05 00:05 HDD
OK Dtv902 07/28 14:40 00:02 HDD
OK Dtv903 07/28 14:45 00:01 HDD
OK Dtv901 07/28 15:00 00:05 HDD

7. Setup Menu

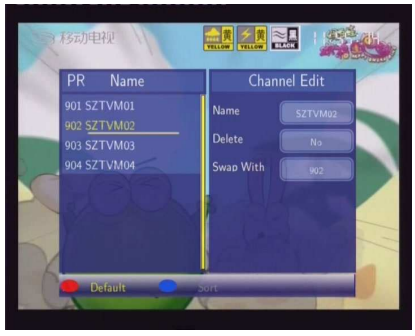
The setup menu allows you to configure DVB-T / Analog TV, Video, Audio, Record, Network and System settings. To enter the menu, press the **SETUP** button on the remote control.

7.1 Changing DVB-T TV settings

Press the **LEFT / RIGHT** button on the remote control to select the **DVB-T** tab from the menu bar.



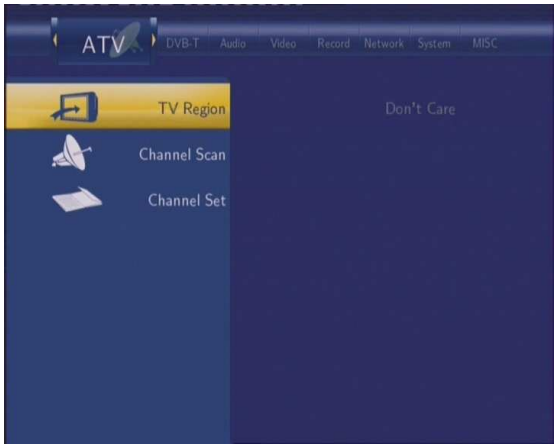
DVB-T Region	Select to set the region for Digital Terrestrial TV. Press the **UP / DOWN** button to select, and the **ENTER** button to confirm.
Channel Scan	Select to scan for available Digital Terrestrial TV channels. Press the **UP / DOWN** button to select from **AUTO SCAN** and **MANUAL SCAN**, and press the **ENTER** button to confirm.
	AUTO SCAN

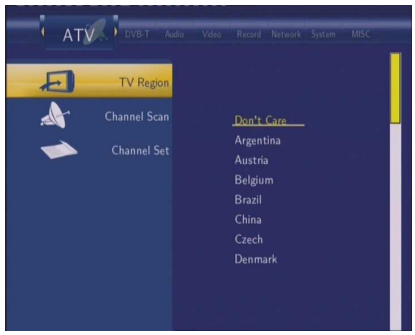
	 In **AUTO SCAN** mode, the system will automatically scan for available DVB-T TV channels.
	MANUAL SCAN In **MANUAL SCAN** mode, you can select the CH name, Bandwidth, and Input Frequency. Use the **Navigational** and **Numeric** buttons on the remote control to select or input. Press the **ENTER** button to confirm.
Channel Set	Select to edit channel information. Press the **UP / DOWN** button to select **DVB-T**, and press the **ENTER** button to confirm.
	 In this menu, you can edit the Name, and sequence for the DVB-T TV channels. Use the **Navigational** buttons to select and modify the

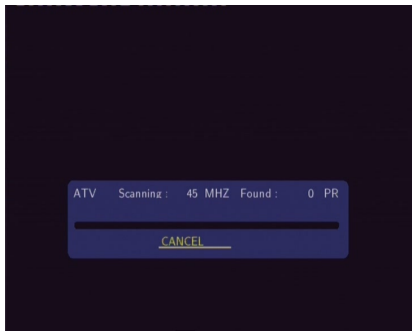
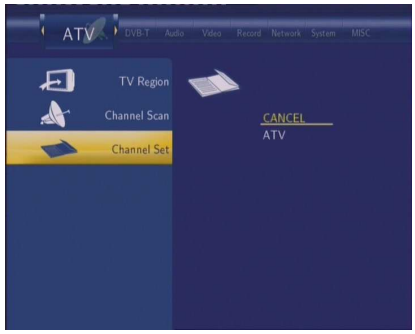
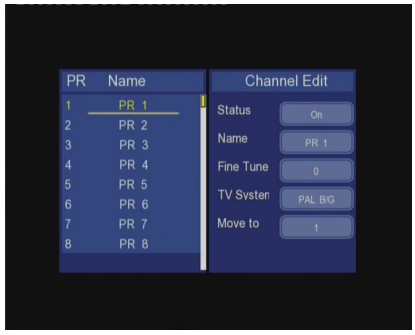
	settings, and press the **ENTER** button to confirm. You can also press the **RED** button to select Default, and press the **BLUE** button to select Sort.

7.2 Changing Analog TV settings

Press the **LEFT / RIGHT** button on the remote control to select the **ATV** tab from the menu bar.

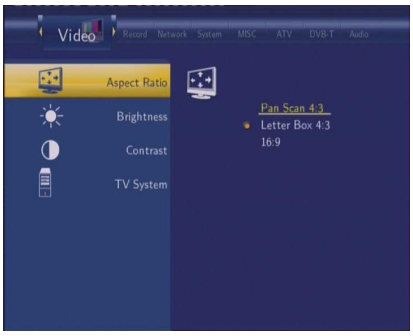


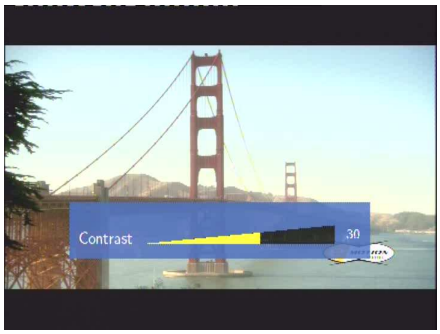
Analog TV Region	Select to set the region for Analog TV.  Press the **UP / DOWN** button to select, and the **ENTER** button to confirm.
Channel Scan	Select to scan for available Analog TV channels. Press the **UP / DOWN** button to select from **AUTO SCAN**, and press the **ENTER** button to confirm.

	 In this menu, the system will automatically scan for available Analog TV channels.
Channel Set	Select to edit channel information.  Press the **UP / DOWN** button to select **Analog TV**.
	 In this menu, you can edit the Status, Name, Fine Tune, TV System, and sequence for the Analog TV channels. Use the navigational buttons to select and modify the settings, and press the **ENTER** button to confirm.

7.3 Changing Video Settings

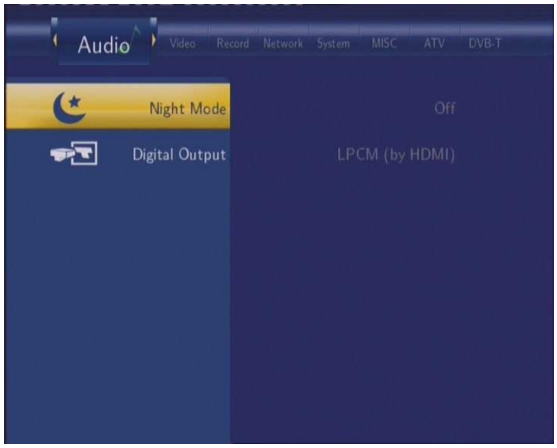
Press the **LEFT / RIGHT** button on the remote control to select the **Video** tab from the menu bar.

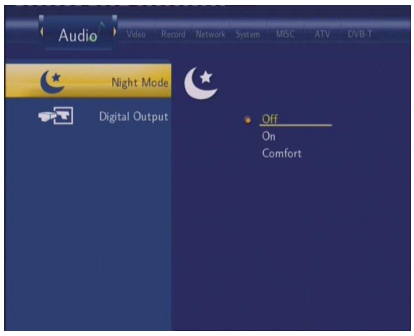
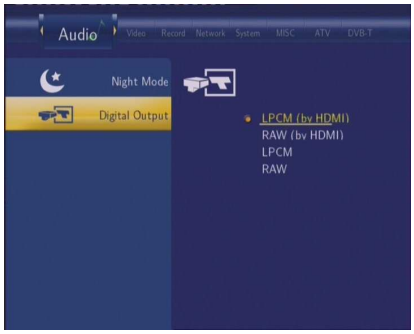
Aspect Ratio	Select to set aspect ratio.  Press the **UP / DOWN** button to select from Pan Scan 4:3, Letter Box 4:3, or 16:9. Press the **ENTER** button to confirm. **Pan Scan 4:3**: Display a wide picture on the entire screen and cuts off the redundant portions. Select when a standard 4:3 TV is connected. **Letter Box 4:3**: Display a wide picture with two black borders on the top and bottom of 4:3 screen. Select when a standard 4:3 TV is connected. **16:9**: Compress the image to convert the whole image. Select when a 16:9 TV is connected.

Brightness	Select to set brightness levels. Press the **UP / DOWN** button to adjust brightness. The new setting is previewed on screen. Press the **ENTER** button to confirm.
Contrast	Select to set contrast levels.  Press the **UP / DOWN** button to adjust contrast. The new setting is previewed on screen. Press the **ENTER** button to confirm.
TV System	Select to adjust TV system. Press the **UP / DOWN** button to set the TV system, depending on your viewing preferences. Press the **ENTER** button to confirm.

7.4 Changing Audio Settings

Press the **LEFT / RIGHT** button on the remote control to select the **Audio** tab from the menu bar.



Night Mode	Select to set night mode.  Press the **UP / DOWN** button to select from Off, On, and Comfort. Press the **ENTER** button to confirm.
Digital Output	Select to set Digital Output (S/PDIF) mode.  Press the **UP / DOWN** button to select from RAW, and LPCM. Press the **ENTER** button to confirm.

7.5 Changing Record Settings

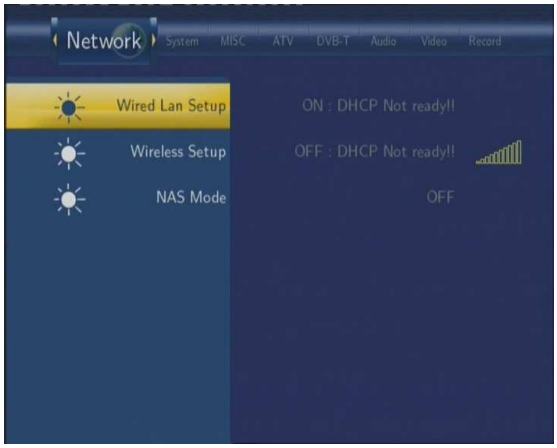
Press the **LEFT / RIGHT** button on the remote control to select the **Record** tab from the menu bar.

Quality	Select to set the default recording quality setting. Press the **UP / DOWN** button to select the quality setting you require. The highest quality setting is HQ which requires the most storage space. The other settings reduce recording quality sequentially but also require less storage space. Press the **ENTER** button to confirm.
Auto Chapter	Select to add chapter marks automatically at set intervals. Press the **UP / DOWN** button to select the interval you require. An automatic chapter mark will be added at each interval, allowing you browse titles easily after recording. Press the **ENTER** button to confirm.
Permanent Timeshift	Select to set Time Shift mode.

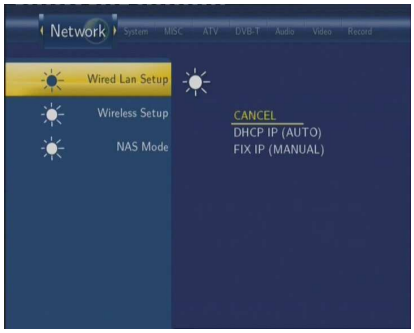
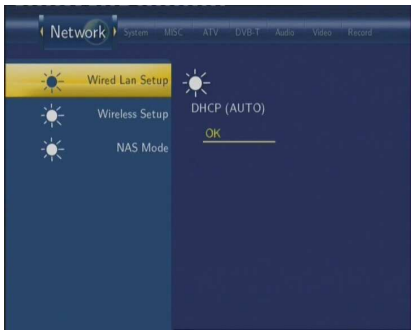
	 Press the **UP / DOWN** button to select from On and Off. Press the **ENTER** button to confirm. If On, the time shift will start automatically while in Video In mode.
Record Device	Select to set device to restore the recorded files. Press the **UP / DOWN** button to select from HDD and USB. Press the **ENTER** button to confirm.

7.6 Changing Network Settings

Press the **LEFT / RIGHT** button on the remote control to select the **Network** tab from the menu bar.



Wired LAN Setup	Select to set the Ethernet settings. Before using the network functions, please check following items: 1) Connect the player to network first; 2) Please enable NetBIOS of TCP/IP on computer; 3) Please turn off your PC's firewall;

	4) Please enable your PC's 'Guest' account; 5) Please share the folders which you wish to browse on your PC, and make sure that 'Everyone' or 'Guest' has the right to access.  Press the **UP / DOWN** button to select DHCP (AUTO) or FIXED IP (MANUAL). Press the **ENTER** button to confirm.
	DHCP (AUTO) Set the IP address by auto.  Press the **ENTER** button to confirm.
	FIX IP (MANUAL) Using Fixed IP, it is required to enter the followings: IP Address, Subnet Mask, and Default Gateway. For further assistance to the above settings, please contact the network administrator. Use **Navigational** and **Numeric** buttons to enter IP address. Press the **ENTER** button to confirm.
Wireless Setup	Before configuring the WLAN settings, please check the following: 1) Make sure the WLAN USB Adapter is connected to the USB HOST port; 2) Make sure there is a wireless router or an AP (Access Point) on

	the network, or your PC is equipped with a wireless network adapter/card; 3) Make sure your player is in the effective range of the WLAN.
	Select a connection profile. Press the **ENTER** button to rename for the profile. Press the **RIGHT** button for next step. And then select **Modify** if it is your first time to connect to a wireless network. There appear two connection modes: **Infrastructure (AP)** mode and **Peer to Peer (Ad Hoc)** mode. Press the **LEFT** button to cancel, and the **RIGHT** button for next step. Press the **UP** / **DOWN** button to select items, and the **ENTER** button to confirm.
	Infrastructure (AP) Infrastructure mode is used to connect computers with wireless network adapters, also known as wireless clients, to an existing wired network with the help from wireless router or access point. **1) Get SSID Name**

Select **Auto** to search for an existing SSID (Service Set Identifier).

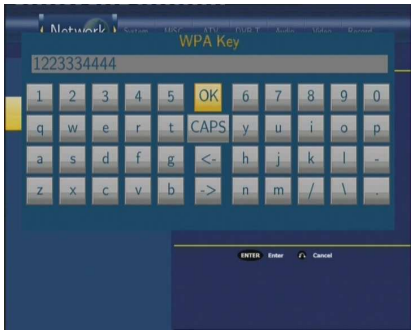
Select the access point you wish to access from the SSID list.

Note: In the Security list, **WEP** (Wired Equivalent Privacy) and **WPA** (Wi-Fi Protected Access) means the network is encrypted, i.e. an encryption key is needed to access the network. **NONE** means it is an open system network.

2) Confirm SSID Name

3) WLAN Security Setting

Select **Open System** if the network is not encrypted. Otherwise, select **Shared Key (WEP)** or **WPA Key** to enter the encryption key.



4) Wireless Address Setup

Select **DHCP IP (AUTO)** to set the IP address automatically. Or select **FIX IP (MANUAL)** to set the IP address manually.

5) Setting List

The Setting List displays the network settings just now you configured.

6) Test Connection

The test will take for a while, please be patient to wait.

If the test is ok, the network information will be displayed.

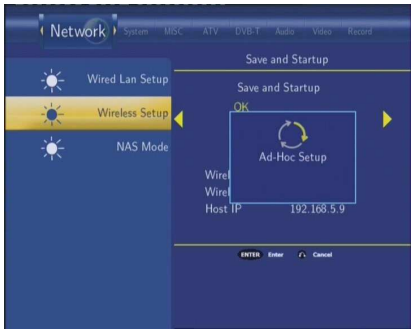
Peer to Peer (Ad Hoc)

Peer to Peer mode, which is also called Ad Hoc mode or computer-to-computer mode, is used to connect wireless clients directly together, without the need for a wireless router or access point.

1) Ad Hoc Setup

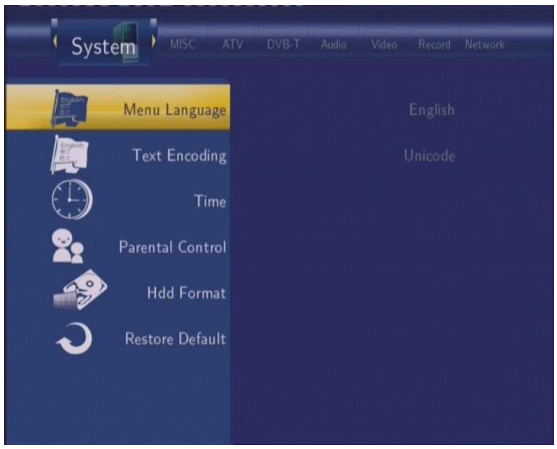
Select **Manual** if you wish to change the default settings.

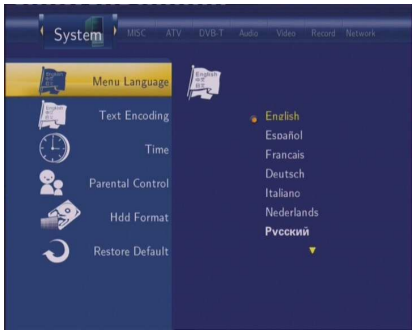
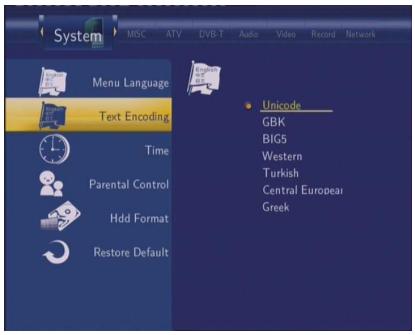
Then set the **Wireless SSID**, **Wireless Security**, and **Host IP** for the Ad Hoc connection.

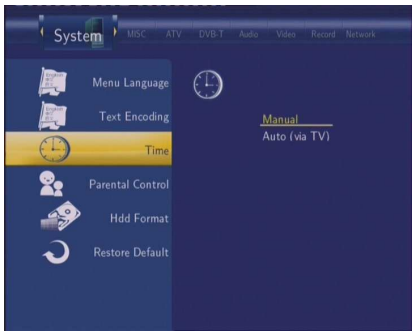
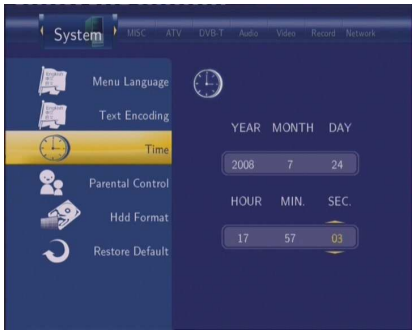
	Note: Both the player and your PC need to use the Ad Hoc mode, share a common SSID, and be put into the same IP range. **2) Save and Startup** Select **OK** to confirm the above settings.  If the test is ok, the network information will be displayed.
NAS Mode	Select to turn the NAS mode on / off. Press the **UP / DOWN** button to select from Off, and On. Press the **ENTER** button to confirm.

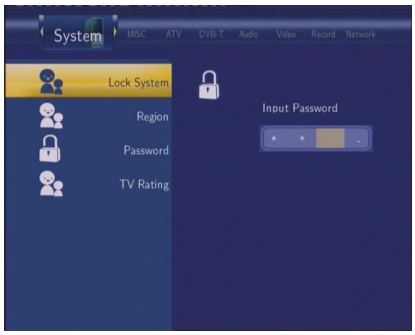
7.7 Changing System Settings

Press the **LEFT / RIGHT** button on the remote control to select the **System** tab from the menu.



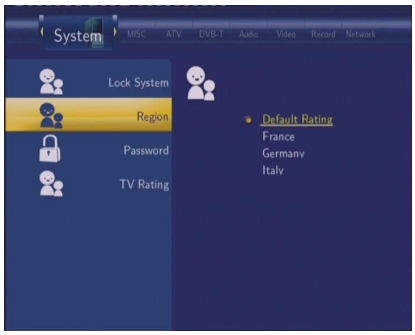
Menu Language	Select to choose the OSD (On Screen Display) language.  Press the **UP / DOWN** button to select the language. Press the **ENTER** button to confirm.
Text Encoding	Select to set text encoding.  Press the **UP / DOWN** button to select from Unicode, Chinese GBK, BIG5, and etc. Press the **ENTER** button to confirm.
Time	Select to set the system time.

	 Press the **UP / DOWN** button to select from Manual and Auto (via TV). Press the **ENTER** button to confirm.
	 Press the **LEFT / RIGHT** button to select each field and the **UP / DOWN** button to adjust each setting. Press the **ENTER** button to confirm.
Parental Control	Select to set the TV parental control options.
	Lock System Press the **UP / DOWN** button to turn on or off the parental system. Press the **ENTER** button to confirm.



A password will be needed for the modification. The default one is '0000'. Press the **Numeric** buttons to input, and the **ENTER** button to confirm.

Region

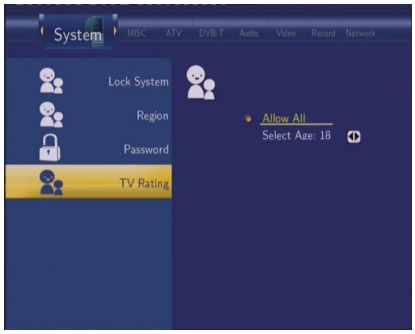


Press the **UP / DOWN** button to select the region. Press the **ENTER** button to confirm.

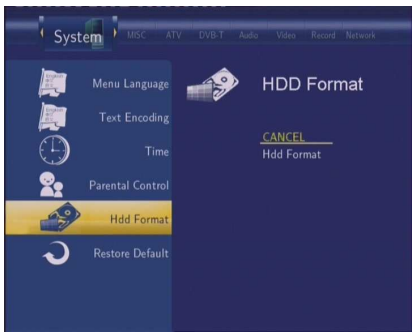
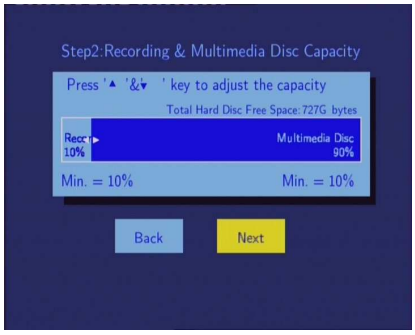
Password

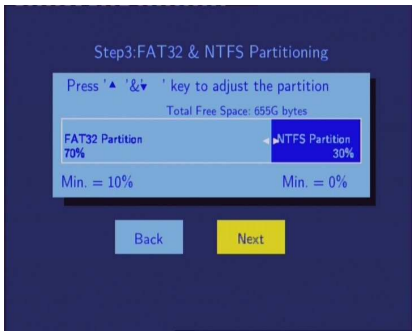
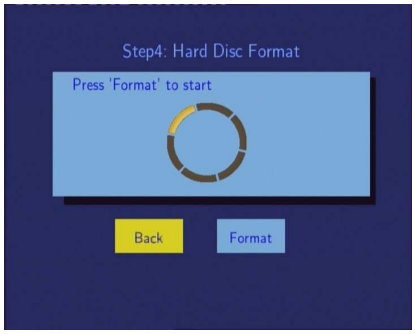
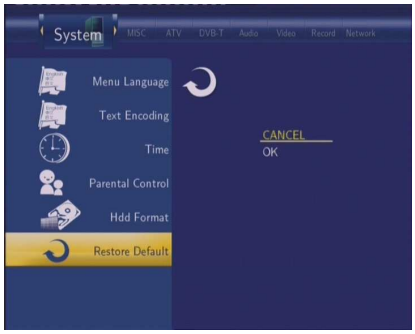
Press the **Numeric** buttons to input and change the password. Press the **ENTER** button to confirm.

TV Rating



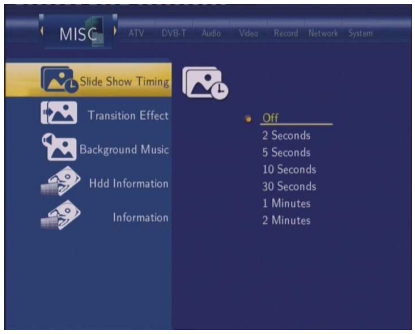
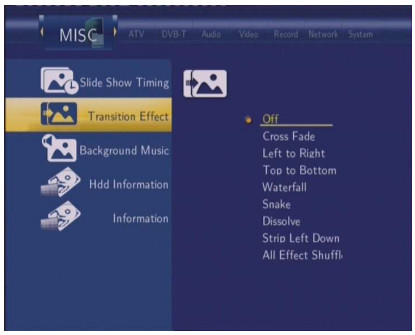
Press the **Navigational** buttons to select. Press the **ENTER** button

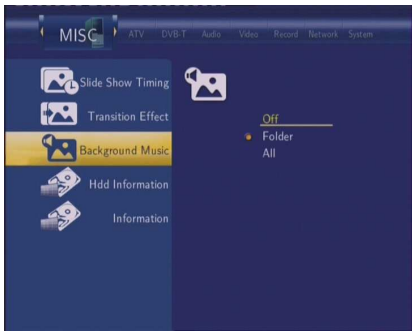
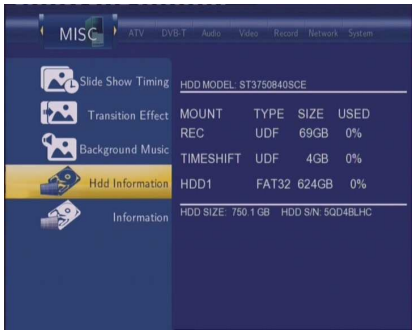
	to confirm, and the **RETURN** button to exit.
HDD Format	Select to format the HDD.  Press the **UP / DOWN** button to select HDD Format. Press the **ENTER** button to confirm.
	  Press the **LEFT / RIGHT** button to select OK. Press the **ENTER** button to confirm.
	  Press the **UP / DOWN** button to adjust the capacity of time shift buffer. Press the **LEFT / RIGHT** button to select Next, and the **ENTER** button to confirm.
	 Press the **UP / DOWN** button to adjust the capacities of recording and multimedia partitions. Press the **LEFT / RIGHT** button to select

	Next, and the **ENTER** button to confirm.
	 Press the **UP / DOWN** button to adjust the capacities of FAT32 and NTFS partitions. Press the **LEFT / RIGHT** button to select Next, and the **ENTER** button to confirm.
	 Press the **LEFT / RIGHT** button to select Format. Press the **ENTER** button to confirm. And the formatting will start, which will take for several minute, please be patient to wait.
	 When formatting is completed, press the **ENTER** button to reboot.
Restore Default	Select to restore factory defaults.  A confirmation message appears. Select **OK** and press the **ENTER** button to restore all settings to defaults.

7.8 Miscellaneous

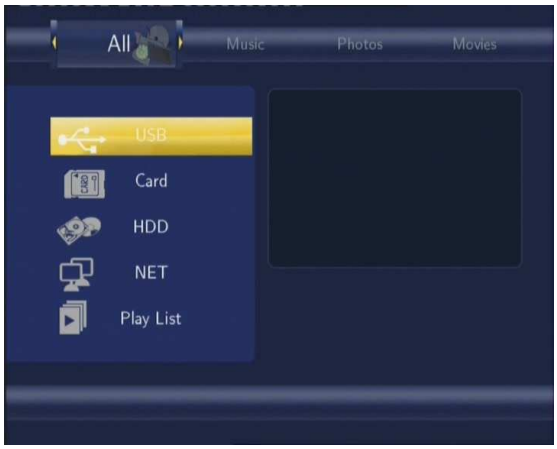
Press the **LEFT / RIGHT** button on the remote control to select the **MISC** tab from the menu.

Slide Show Timing	Select to set the interval time for photo slide show.  Press the **UP / DOWN** button to select. Press the **ENTER** button to confirm.
Transition Effect	Select to set the transition effect for photo slide show.  Press the **UP / DOWN** button to select. Press the **ENTER** button to confirm.
Background Music	Select to set the background music options while view pictures.

	 Press the **UP / DOWN** button to select from off, Folder, and All. Press the **ENTER** button to confirm.
HDD Information	Select to view the HDD capacities.  The capacities of the recording, time shift and multimedia partitions are listed here. Press the **ENTER** button to confirm.
Information	Select to view the system information. The version of the firmware, BIOS, and the MAC Address, etc. are listed here. Press the **ENTER** button to confirm.

8. Browser Menu

The Browser menu allows you to browse and play music, photo and movie files stored on a HDD, an external USB device, and Network. To enter the menu, select the **Browser** icon from the main interface.



Press the **UP / DOWN** button to select the device on which the media is stored. Choose from USB, Card, HDD, NET, Playlist, and press the **ENTER** button.

When data on HDD, USB device, or memory card is connected or connect the system to network, you can also browse photos, listen to music, and watch movies.

8.1 Browsing All

Use the **LEFT / RIGHT** button on the remote control to select the **All** tab.

All directories and supported contents will be displayed. Press the **UP / DOWN** button to select the directory or file you wish to browse, and press the **ENTER** button to confirm.

8.2 Browsing Music

Use the **LEFT / RIGHT** button on the remote control to select the **Music** tab.

All directories and supported audio files in current directory will be displayed. Press the **UP / DOWN** button to select the file you want to play and press the **ENTER** button.

8.3 Browsing Photos

Use the **LEFT / RIGHT** button on the remote control to select the **Photos** tab.

All directories and supported image files in current directory will be displayed. Press the **UP / DOWN** button to select the photo you want to view and press the **ENTER** button. The photo will be displayed full screen.

Note*:*

1. When the photo is displayed in full screen mode, the slide show starts automatically.
2. While listening to music files, you can browse the photos at the same time.

While browsing a photo, you can press the **LEFT / RIGHT** button to rotate a photo in any angle. Besides rotating a photo, you can press the **ZOOM** button to zoom in/out that photo. Four zoom levels are available.

8.4 Browsing Movies

Use the **LEFT / RIGHT** button on the remote control to select the **Movies** tab.

All directories and supported video files in current directory will be displayed. Press the **UP / DOWN** button to select the movie you want to view and press the **ENTER** button. The movie will be played in full screen mode.

This browsing movies function supports DAT, VOB, IFO, MPG, AVI, and TS file formats.

While browsing a movie in full screen mode, you can press the **ZOOM** button to zoom in/out the image. Four zoom levels are available.

8.5 Browsing via Network

You can streaming playback the multimedia files shared on the local area network (Ethernet or WLAN).

Before viewing the following, please make sure that you have read ***7.6 Changing Network Settings*** and made the right settings.

When selecting NET in the Browser menu, there are two ways to locate the multimedia files shared on your local network. One way is to browse through workgroup; the other way is to browse through 'My_Shortcuts'.

8.5.1 Browsing through Workgroup

You can choose the workgroup which your PC belongs to from the workgroup list, find your PC name, and press the **ENTER** button to confirm.

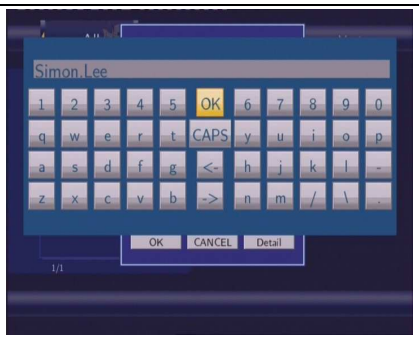
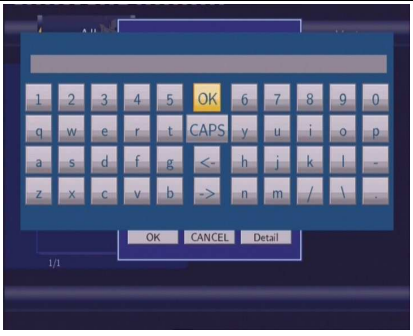
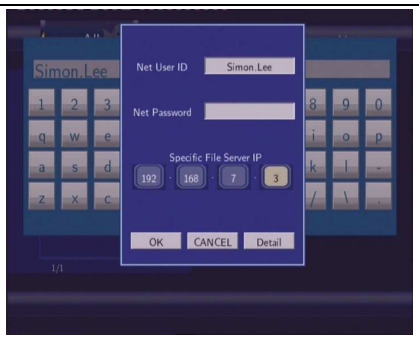
Then select the shared multimedia file that you want to browse.

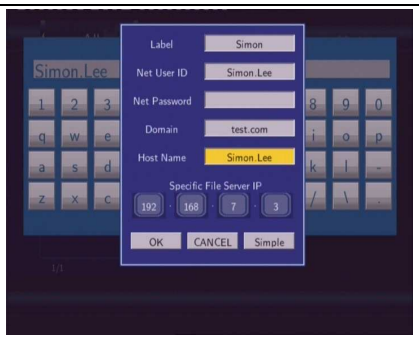
Note:

1. While browsing high definition video files (resolution up to 720p / 1080i / 1080p) via Ethernet or WLAN, the video might be buffering. It is normal due to the limit of network speed or signal strength.
2. Due to different network conditions, sometimes the workgroup might not be accessed or shown in the list. And then you need to use ‘My_Shortcuts’ to browse shared files.

8.5.2 Browsing through ‘My_Shortcuts’

You can also set ‘Specific File Server IP’ and access it from ‘My_Shortcuts’ in the menu.
Press the **MENU** button and a tools menu appears.

Network Browser	Select to set Net User ID, Net Password, and Specific File Server IP, which enables to browse files on NET through 'My_Shortcuts'.
	 Select Net User ID and the entry screen will appear. Press the **Navigation** buttons to select letters and numbers. Select **CAPS** to toggle between uppercase and lowercase letters. Press <- to delete a letter. Press -> to insert a space. Press the **ENTER** button to input each letter or number. Select **OK** and press the **ENTER** button to confirm all changes.
	 Select Net Password and the entry screen will appear. See above.
	 Select Specific File Server IP, and use **Navigational** and **Numeric** buttons to enter IP address.

	 You can also select Detail to set the Label, Domain, and Host Name of the shortcut. Then select OK and press the **ENTER** button to confirm.

Select the shortcut you added and press the **ENTER** button to confirm.

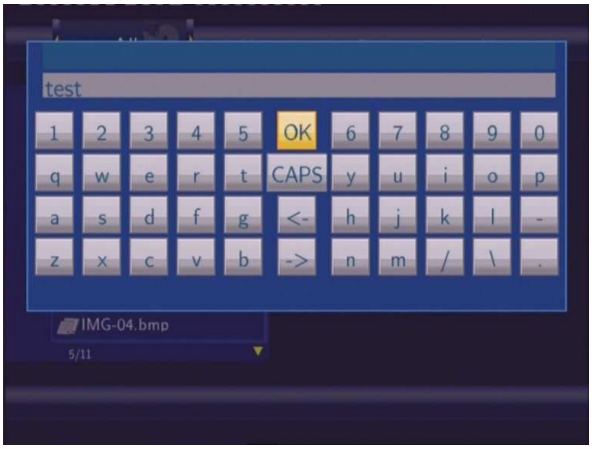
Then select the shared multimedia file that you want to browse.

8.6 Renaming / Deleting Files

When navigating in the browser menu, you can press the **MENU** button to activate a popup menu where you can rename and delete files or folders.

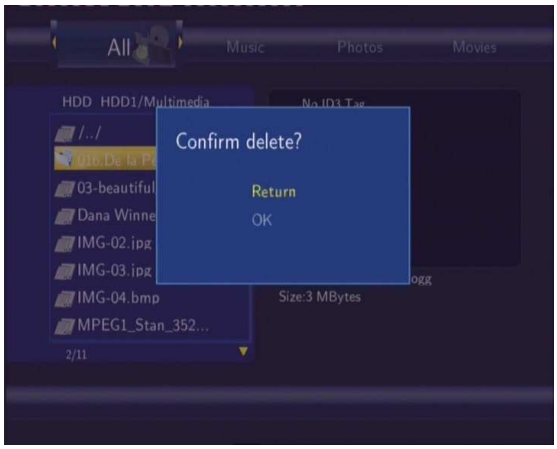
Press the **UP / DOWN** button to select from Return, Rename, and Delete. And press the **ENTER** button to confirm.

8.6.1 Renaming Files



Press the **Navigation** buttons to select letters and numbers. Select **CAPS** to toggle between uppercase and lowercase letters. Press <- to delete a letter. Press -> to insert a space. Press the **ENTER** button to input each letter or number. Select **OK** and press the **ENTER** button to confirm all changes.

8.6.2 Deleting Files



Press the **UP / DOWN** button to select OK. And press the **ENTER** button to confirm the deleting operation. Or select Return to cancel.

Note: Partitions of NTFS file system format on the hard disc drive might be read-only.

8.7 Managing the Playlist

This player supports the playlist function, which allows you to add your favorite content to the playlist, and enjoy them at any time.

8.7.1 Adding files to the playlist

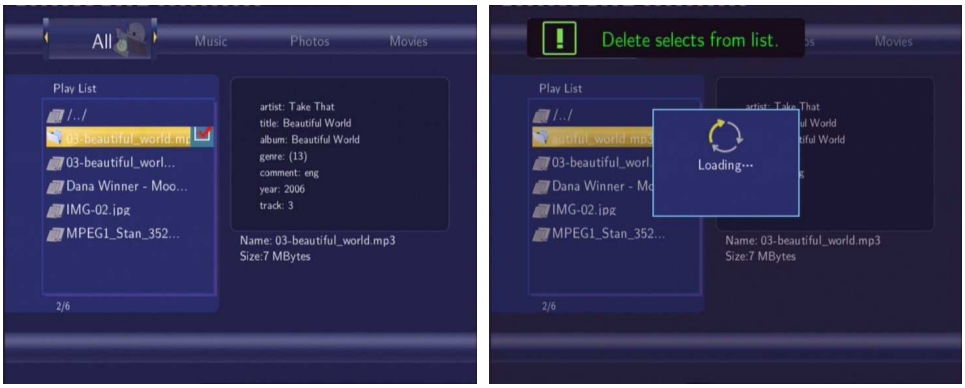
Select the favorite file you wish to add, press the **RED** button on the bottom of the remote control, and the file will be ticked. Press the **GREEN** button on the bottom of the remote control to confirm, and then an on-screen message ‘Add selects to list’ will be shown. Multiple

selections are allowed. See photo below.

8.7.2 Browsing the playlist

Press the **UP / DOWN** button to select **Play List** in the browser menu. And press the **ENTER** button to confirm. Then you will enter the playlist.

If you wish to delete a file from the playlist, press the **RED** button to select, and then press the **GREEN** button to confirm.



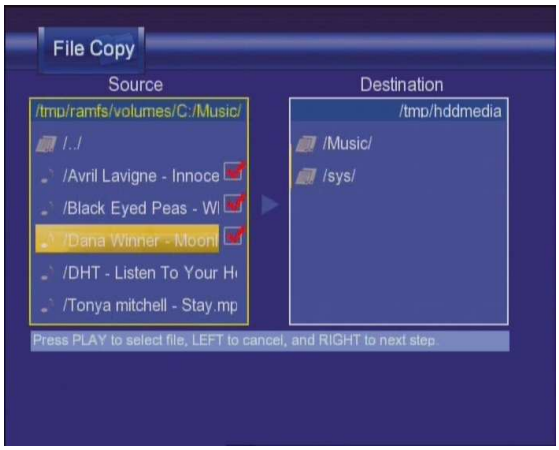
9. File Copy Menu

Press the **COPY** button on the remote control to enter the File Copy menu, which allows you to copy files between HDD, USB devices, Memory Cards, and Network.

Step 1: Select the source device and destination device.

Press the **UP / DOWN** button to select device. Press the **LEFT** button to cancel, and the **RIGHT** button for next step.

Step 2: Select the source files you want to copy.



Press the **PLAY** button to select files, the **LEFT** button to cancel, and the **RIGHT** button to next

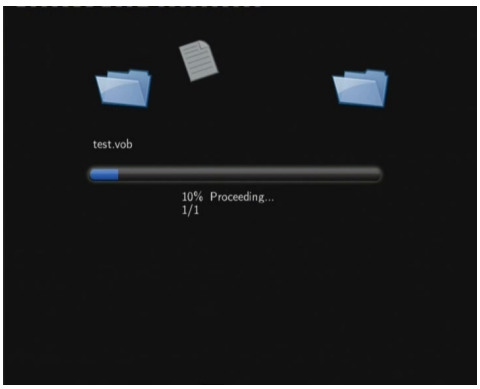
step.

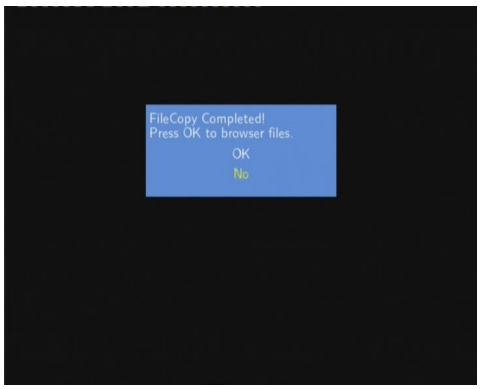
Step 3: Select the destination folder to store the above files.

Press the **UP / DOWN** button to select folder. Press the **LEFT** button to cancel, and the **RIGHT** button for next step.

Step 4: Proceed to copy selected files.

Press the **UP / DOWN** button to select **OK**, press the **ENTER** button to confirm. And the copy will start.

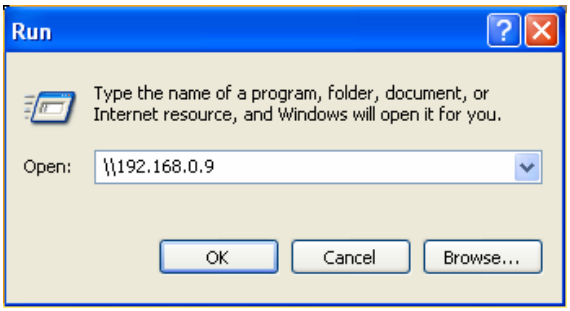




10. NAS Function

This player can be used as a NAS (Network-Attached Storage) device. It can be attached to the home network via either Ethernet or WLAN. This feature allows homes to store and retrieve large amounts of data more affordably than ever before.

When the network connection is done correctly and ready for use, please activate the NAS mode in the setup menu in advance (refer to ***7.6 Changing Network Settings*** for more details), and then type: \\NAS or \\IP Address in the Run window (click Run in the start menu) or the address bar of Internet Explorer on your PC (For example, if the IP address of the player is 192.168.0.9, please type: \\192.168.0.9 or \\NAS), and click OK or press the Enter button on the keyboard.



Then you can view, and edit the files stored on the hard disk installed on the player. In this way, you can also playback and copy files via network between your PC and the player.

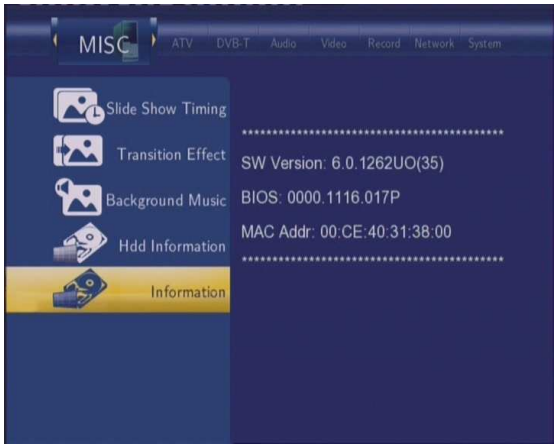
Note:
1. Partitions of NTFS file system format on the hard disc drive might be read-only;
2. Please turn on the NAS mode in the setup menu before using this function

11. Upgrading the Firmware

The firmware is the operating system (OS) installed on the device. Firmware upgrades can bring new features, improvements and bug fixes.

To check whether you have the latest version of firmware:

1. Select MISC -> Information in the Setup menu;
2. The firmware version number is displayed behind SW Version;
3. Compare it with the latest firmware released.



Download the latest firmware from our official website.

Step 1: Prepare the USB Pen Drive

You will need a USB Pen Drive for firmware upgrade. Copy the 5 files for upgrade to the root directory of your USB Pen Drive.

Step 2: Connect the USB Pen Drive

Plug the USB Pen Drive into one of the USB HOST ports of the player.

Step 3: Hold the POWER / STANDBY button

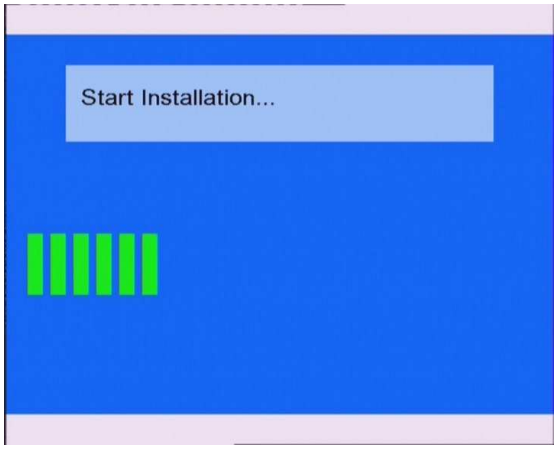
Press and hold the **POWER** / **STANDBY** button on the front panel, and do not loosen.

Step 4: Connect the power cable

Plug the power cable into the DC IN jack, wait for about 3 seconds or more, and then loosen your finger on the **POWER** / **STANDBY** button;

Firmware installation will start in about 30 seconds. The LED indicators on the front panel will be enlightened and flashing during installation. If it is connected to a TV set, a blue install page

will appear on the TV screen.



Please wait for about 3 minutes, the installation will be completed, the LED indicators will go off, and the player will be powered off automatically. Then you can press the **POWER** / **STANDBY** button to turn on the player and enjoy.

Note:
Do not turn off the power during installation;
The USB Pen Drive is not allowed to be unplugged during installation.

12. Appendixes

12.1 Specifications

USB SUPPORTED:

- USB HDD
- Other USB Mass Storage Devices
- USB 2.0 Interface

MEMORY CARDS SUPPORTED:

- SD/MMC/MS/MS Pro

CONTENT FORMATS SUPPORTED:

- DAT/VOB/IFO/MPG/AVI/MPEG-2 TS
- MP3/OGG/WMA
- Compression rate: between 32 kbps and 320 kbps
- JPEG/BMP

VIDEO CODECS SURPORTED:

- MPEG-1/MPEG-2
- MPEG-4 ASP: XviD

AUDIO CODECS SURPORTED:

- MP2/MP3 /OGG Vorbis/WMA Standard (DRM, Pro & Advanced Profile not supported)/PCM

SUBTITLE FORMATS SURPORTED:

- SRT, SMI, SSA, IDX/SUB, SUB

RECORDABLE DEVICES SUPPORTED:

- Built in HDD
- USB HDD

VIDEO RECORDING MODE

Mode	80 GB HDD	120 GB HDD	160 GB HDD
HQ	16hrs	24hrs	33hrs
SP	32hrs	48hrs	66hrs
LP	48hrs	72hrs	99hrs
EP	64hrs	96hrs	132hrs
SLP	96hrs	144hrs	198hrs

VIDEO RECORDING FORMAT

- HQ/SP/LP/EP/SLP mode: MPEG-2 MP@ML

AUDIO RECORDING FORMAT

- HQ/SP/LP/EP/SLP mode: MP2 2-chanel

VIDEO OUTPUT SPECIFICATION	
Composite Output	1 Vpp 75 Ohm
Components Output	Y:1 Vpp 75 Ohm
	Cb:0.7 Vpp 75 Ohm
	Cr:0.7 Vpp 75 Ohm
SCART Output	21-pin Euro SCART
HDMI Output	HDMI (Version 1.1)
AUDIO PERFORMANCE	
DA Converter	24-bit/192kHZ
AD Converter	24-bit/96kHZ
Signal-Noise (1kHZ)	≥ 95dB
Dynamic Range (1kHZ)	≥90dB
Channel Separation	≥95dB
Total Harmonic Distortion (1kHZ)	≤-85dB
NETWORK FEATURE	
Ethernet	10/100Mbps Auto-Negotiation
WLAN	IEEE 802.11b/g, up to 54Mbps (supported by the optional WLAN USB Adapter)
ANALOG TV SYSTEM	
Frequency Range	44.25MHz~863.25MHz (VHF I/III / UHF)
Video	PAL B/G, D/K, I, SECAM L and L’
Audio	Stereo, Mono
Analog TV Tuner	75 Ohm (VHF / UHF) TV Analog Antenna or cable
DIGITAL TERRESTRIAL TV SYSTEM	
Frequency Range	44.25MHz~863.25MHz (VHF I/III / UHF)
COFDM	2K FFT or 8K FFT COFDM demodulator (Fully DVB-T compliant : ETS 300-744)
Code Rate	1/2, 2/3, 3/4, 5/6, and 7/8
Guard Interval	1/4, 1/8, 1/16, 1/32
Constellation QPSK	16QAM, 64 QAM
Bandwidth	6, 7 or 8MHz
Digital TV Tuner	75 Ohm (VHF / UHF) TV Digital Antenna
GENERAL	
Power Supply	AC 100~240V 50~60Hz
Power Consumption	Approx. 35 W

Operating Temperature	+5°C to +35°C (+36°F to +95°F)
Operating Humidity	5% to 80% RH
Hard Disk	3.5'' SATA HDD
Dimensions (W/H/D)	230.0x60.8x165.0mm
Net Weight	Approx 1.5 kg

Note: The specifications and design of this product are subject to change without notice.

12.2 Frequently Asked Questions

Question 1. My computer does not recognize my player.

Answer:

(1) Make sure the player is powered on. If it is off, the computer will not be able to find the player;

(2) Make sure the player is connected to computer. (Refer to 1.4.1 for connecting player to computer);

(3) When using Windows 98SE, install the USB driver first. After installation, restart the computer. Then reconnect the player to the computer. (Refer to 1.4.1 for connecting player to computer);

(4) If you installed the Windows 98SE driver over your Windows® XP, 2000, or ME edition, problems might occur;

(5) It is not recommend using the USB ports in the front of your computer, try to use the USB ports in the rear, because the USB ports in the front are often from non-powered hubs.

Question 2. When I try to disconnect the USB device, I keep on getting "The device 'Generic volume' cannot be stopped right now. Try stopping the device again later." message, what should I do?

Answer:

Close any program that might be accessing data on the player, including Windows® Explorer. If it does not work, close all programs and wait for another 20 seconds, then try the green arrow icon again. If it still does not work, you should shut down the player and disconnect the USB cable.

Question 3. I find new file names and folder names that I never created before or they have strange gibberish names.

Answer:

Most likely, the player's file allocation table (FAT) has been corrupted. This might be due to the player shutting down (due to low battery power) while reading or writing to your computer by the USB connection. Windows and Macintosh often write extra files to the hard disk such as finder.def or System volume info. These are normal and will not do any harm to the player.

Question 4. I used my player to transfer files back and forth between different computers. Will defragmenting the player hard disk do any harm to it?

Answer:

Defragmenting the player hard disk may be useful after having transferred many files to and from the player. It is never harmful to use the defragment on the player. Make sure no other programs are running while using the Windows® defragment utility. Make sure you have connected the player with the external power adapter during this procedure.

Question 5. My files have disappeared from the player.

Answer:

Make sure that you browse your files via the correct Browser mode which means correct filtered views such as Photos, Music, or Movies.

Question 6. Why do some supported photo formats, cannot be shown in the photo function?

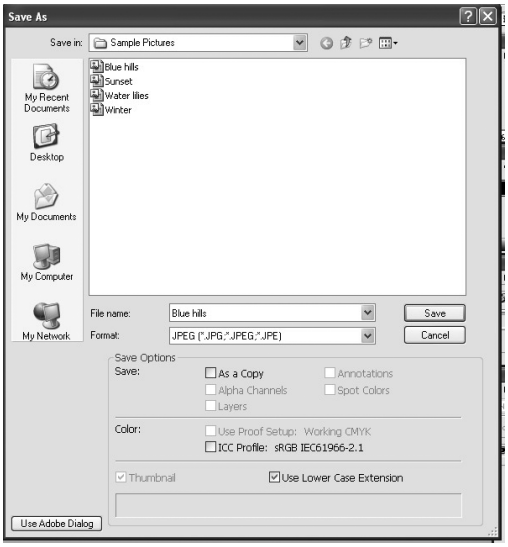
Answer:

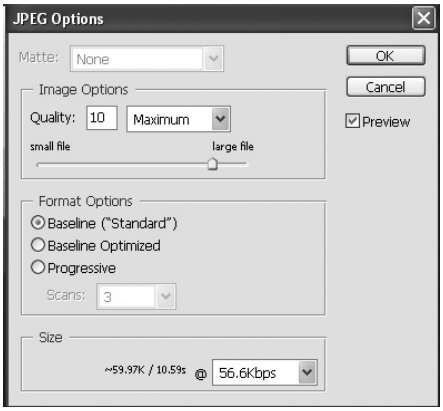
In the JPEG format there are different modes. The player doesn't support all the modes. So you have to change your photo format first as follow:

(1) Use Photoshop to open the photo;

(2) Choose "File" then "save as" from the menu, as the picture on the left hand side shows, select the picture format as JPEG, input the file name and click the "save" icon;

(3) After click on the "save" icon, a new window will appear as the picture on the right hand side shows, select "Baseline (standard)" or "Baseline optimized";





(4) Click the "OK" icon.

Question 7. During power on, why does the TV will have a short flashing, blue screen or screensaver?

Answer:

This is normal, when the system initializes, it will setup the corresponding parameters so it can output the correct video signal to the TV, during the initializing time, the TV will receive incorrect signals or the signals will not be stable and will cause the TV screen to flash, some

TV's will treat this as no signal, and will display a blue screen or screensaver.

Question 8. Why when I switch to Y/Pb/Pr 480P, 576P, 720P, 1080I, does the TV screen display an unwatchable picture?

Answer:

Please check if your TV supports Y/Pb/Pr 480P, 576P, 720P, 1080I output, if your TV does not support, please use the A/V signal display instead, press the TV SYSYEM button on the remote control, then switch the TV's video input to NTSC or PAL.

Question 9. Why is there no sound on movie or music playback when using Y/Pb/Pr component output?

Answer:

Y/Pb/Pr output is a video output only, and does not include sound signals, when using Y/Pb/Pr output, please plug the A/V OUT or the S/PDIF jack to output sound.

Question10. Why couldn't the player find the hard disc?

Answer:

Make sure the firmware is installed correctly, and no system partitions on the HDD were deleted. If hard disc failure occurs, please backup your data and reinstall the firmware.

Question11. Some functions like recording, time shift etc. do not work. What should I do?

Answer:

If you find some functions do not work properly on the player, please change system settings to the default (Refer to 6.6 for changing system settings).

12.3 Copyrights and Trademarks

Copyrights

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Trademarks

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All other trademarks are property of their respective holders.

12.4 Warranty

What your warranty *does not* cover:

-Acts of nature, such as fire, static discharge.
-Damage from unauthorized repair, alteration or accident.

-Damage from misuse or neglect.
-A unit that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
-Loss of customer’s software, firmware, information, or memory data.
-Improper handling or installation.